

Program Complot
(Version 2021-1)

by

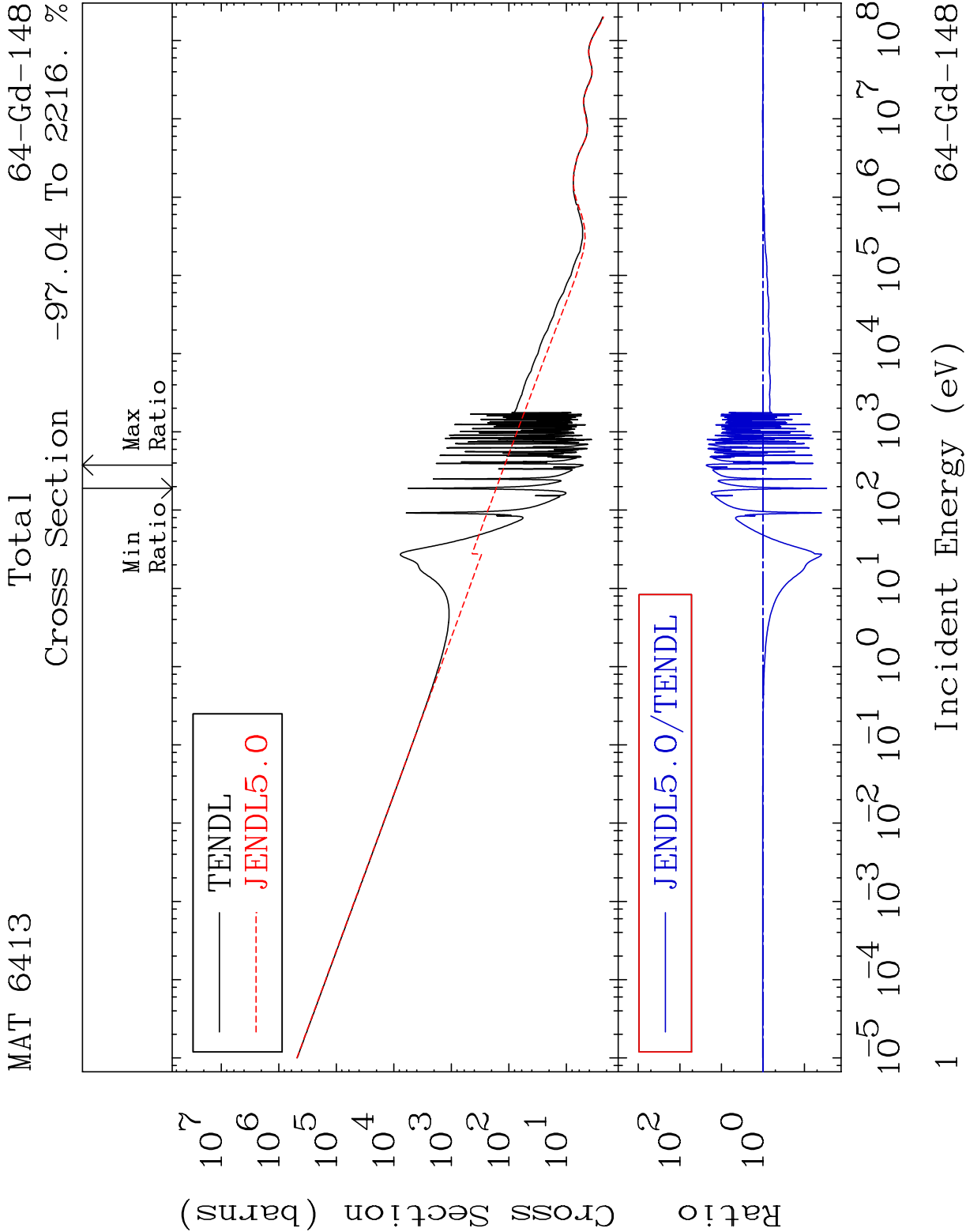
Dermott E. Cullen
(Present Contact Information)

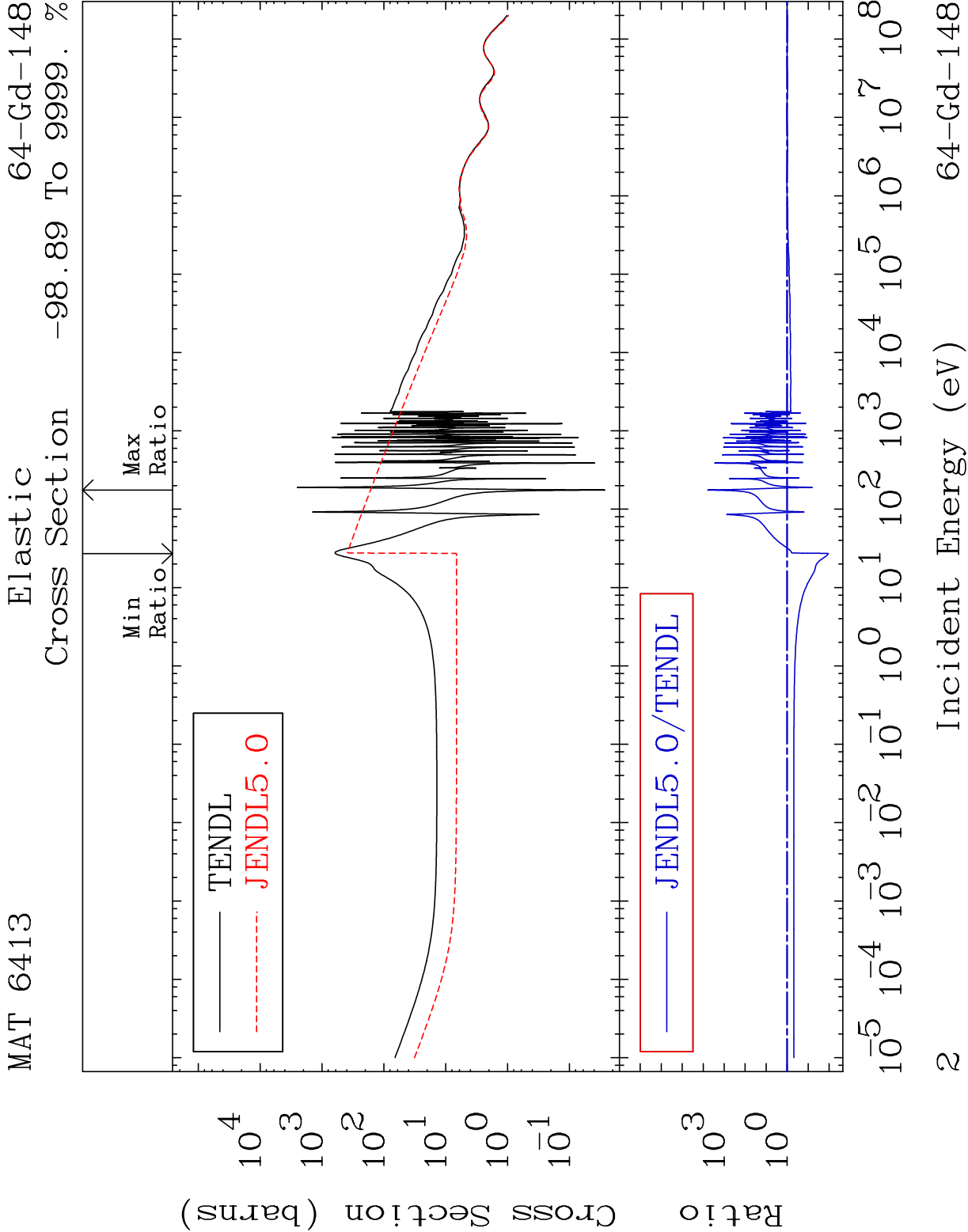
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

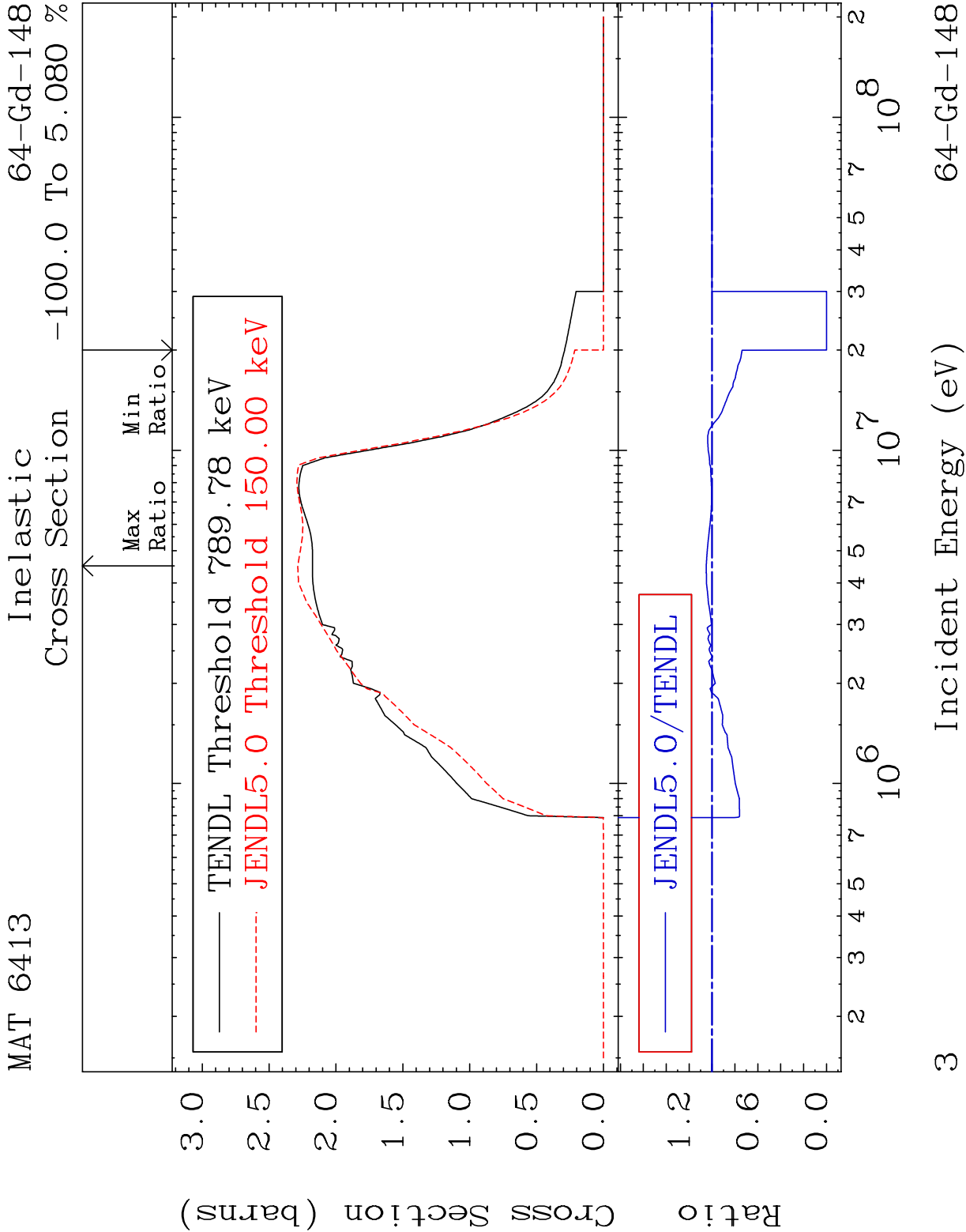
Tele: 925-443-1911

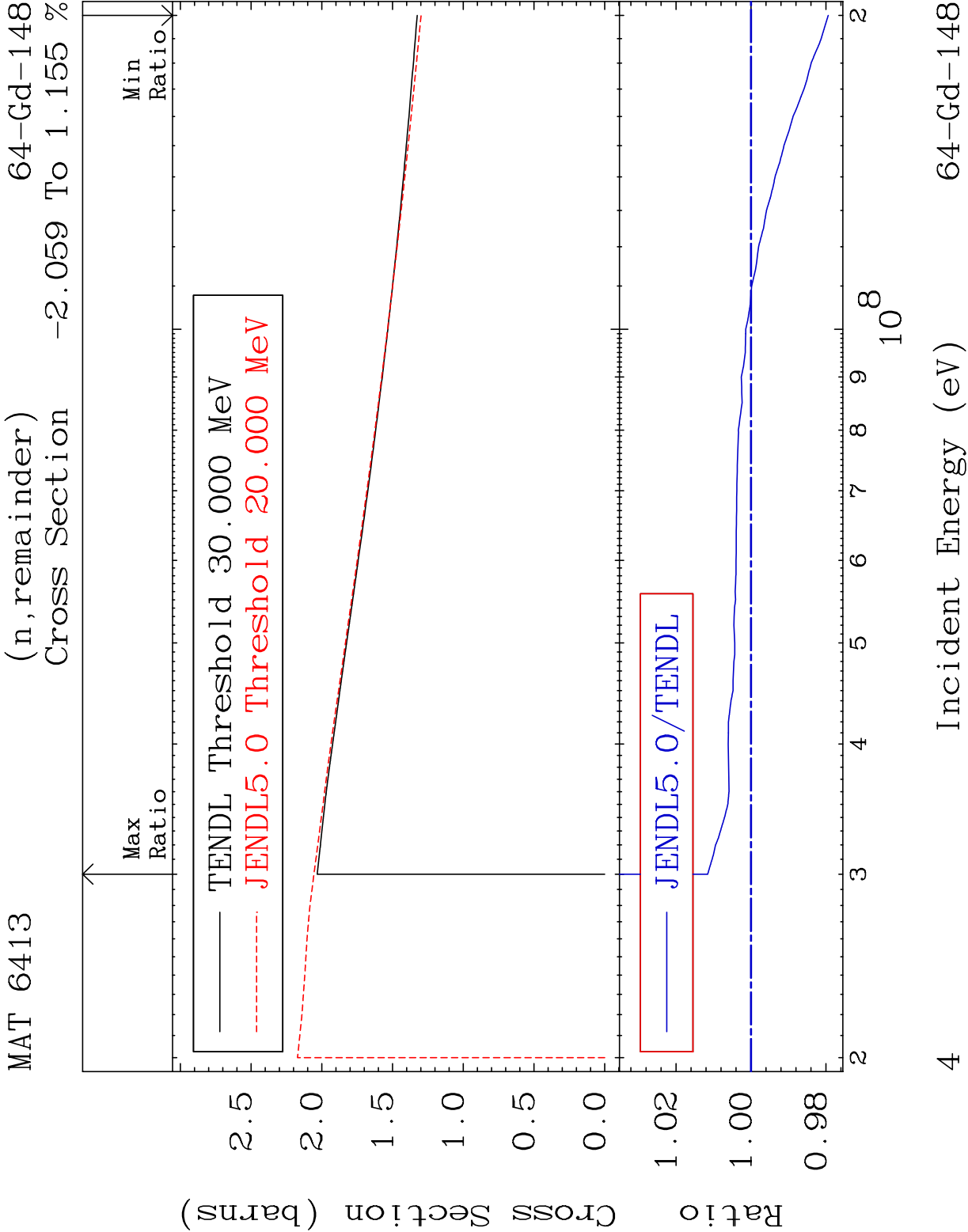
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

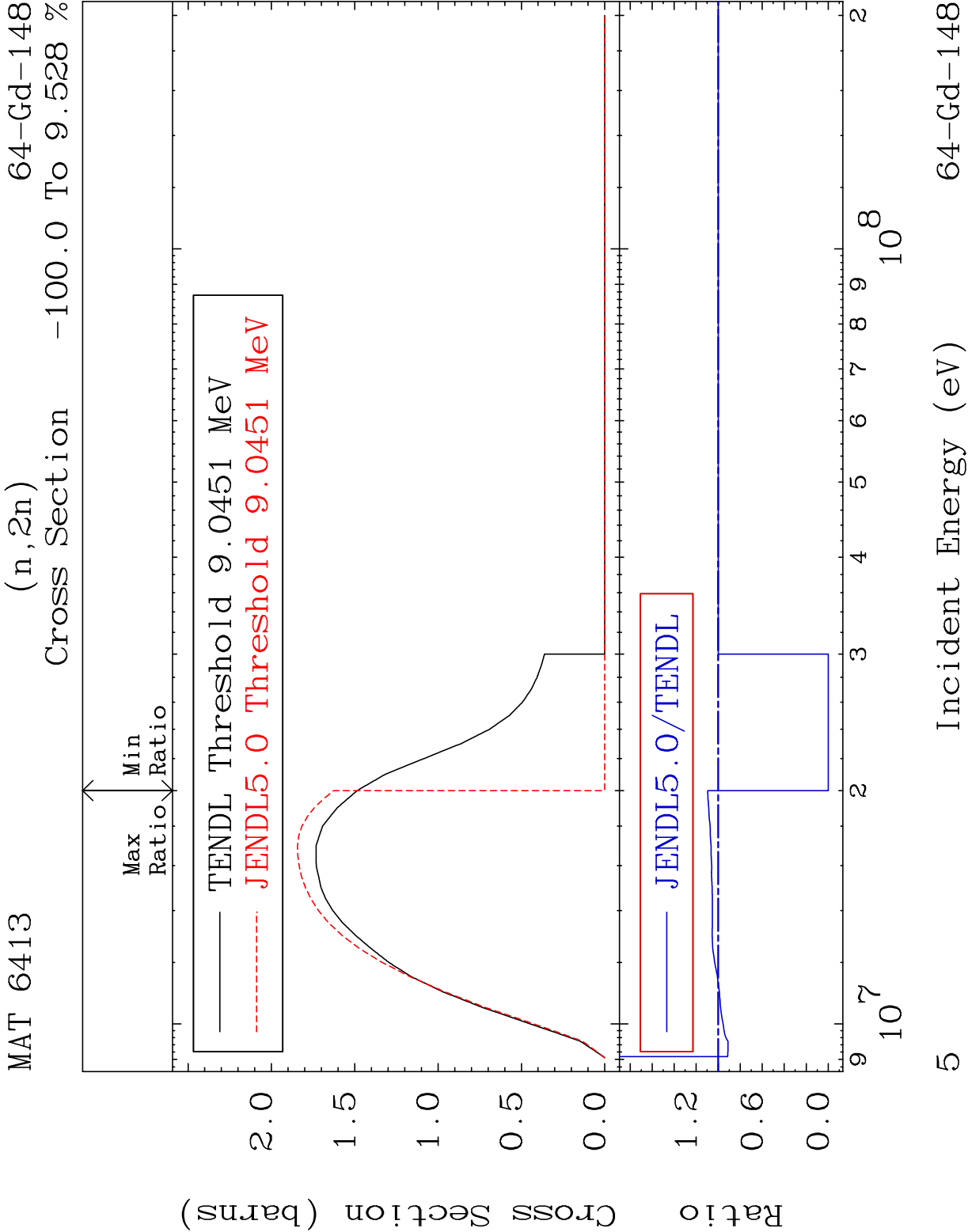
Press Mouse Button to Start

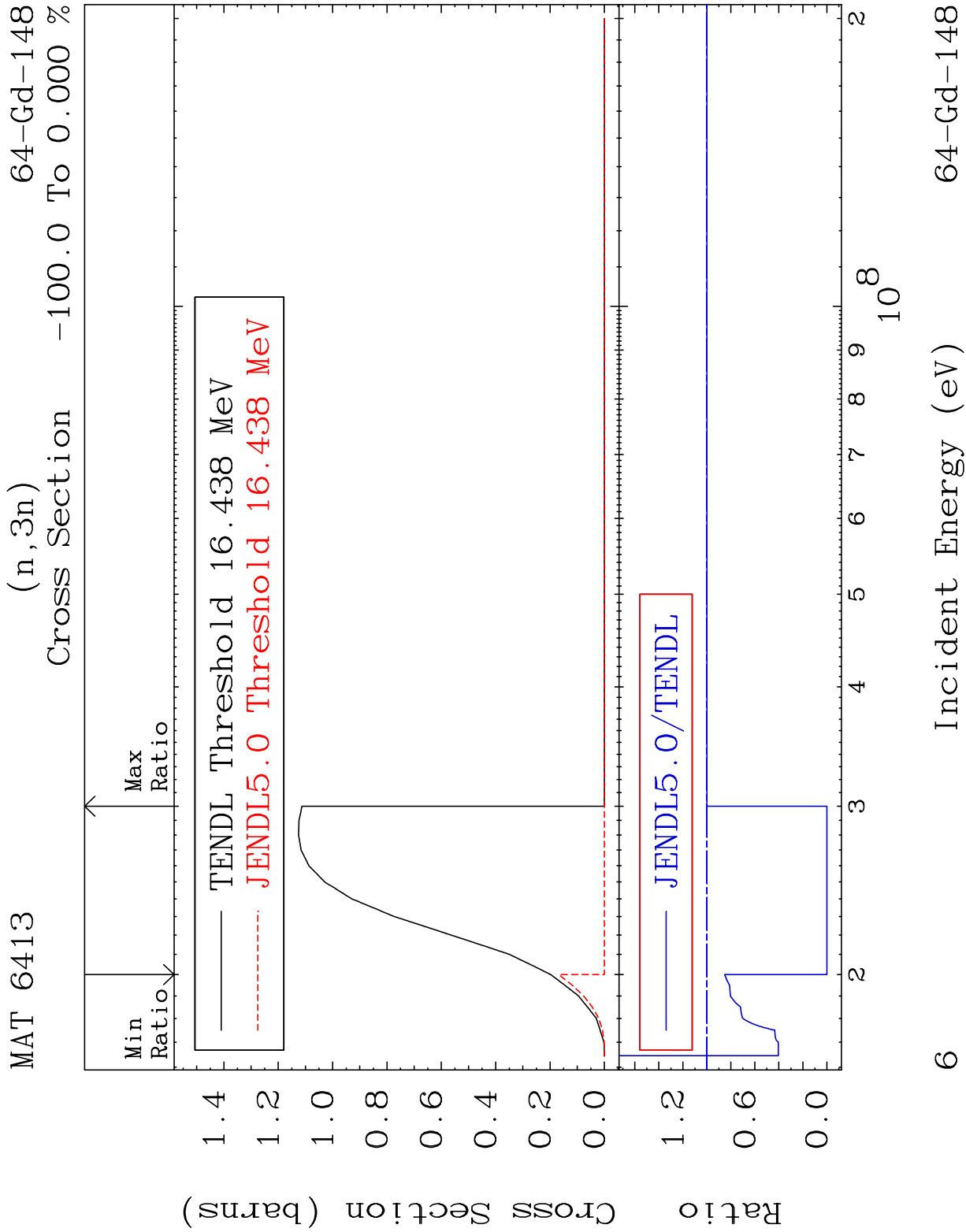


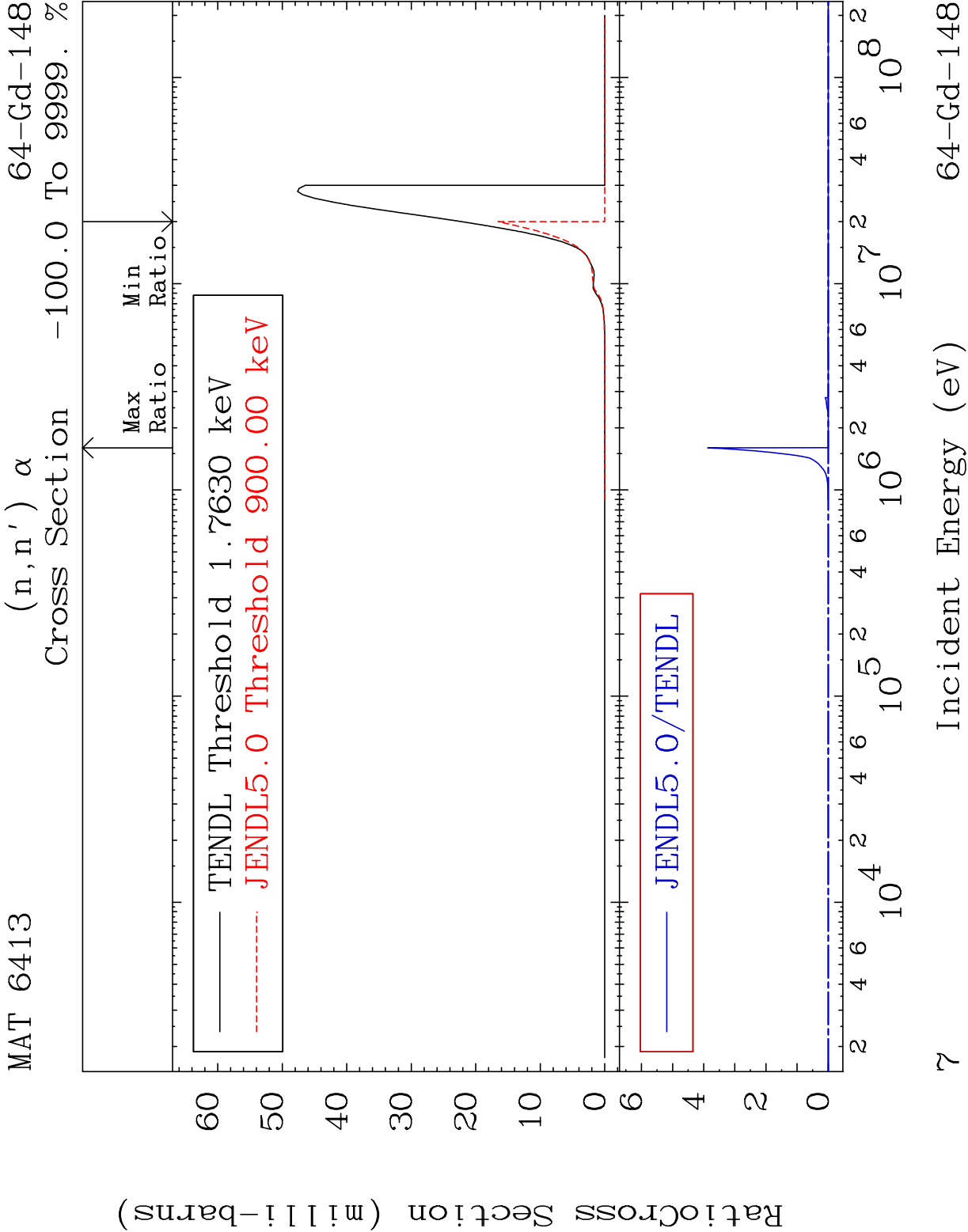


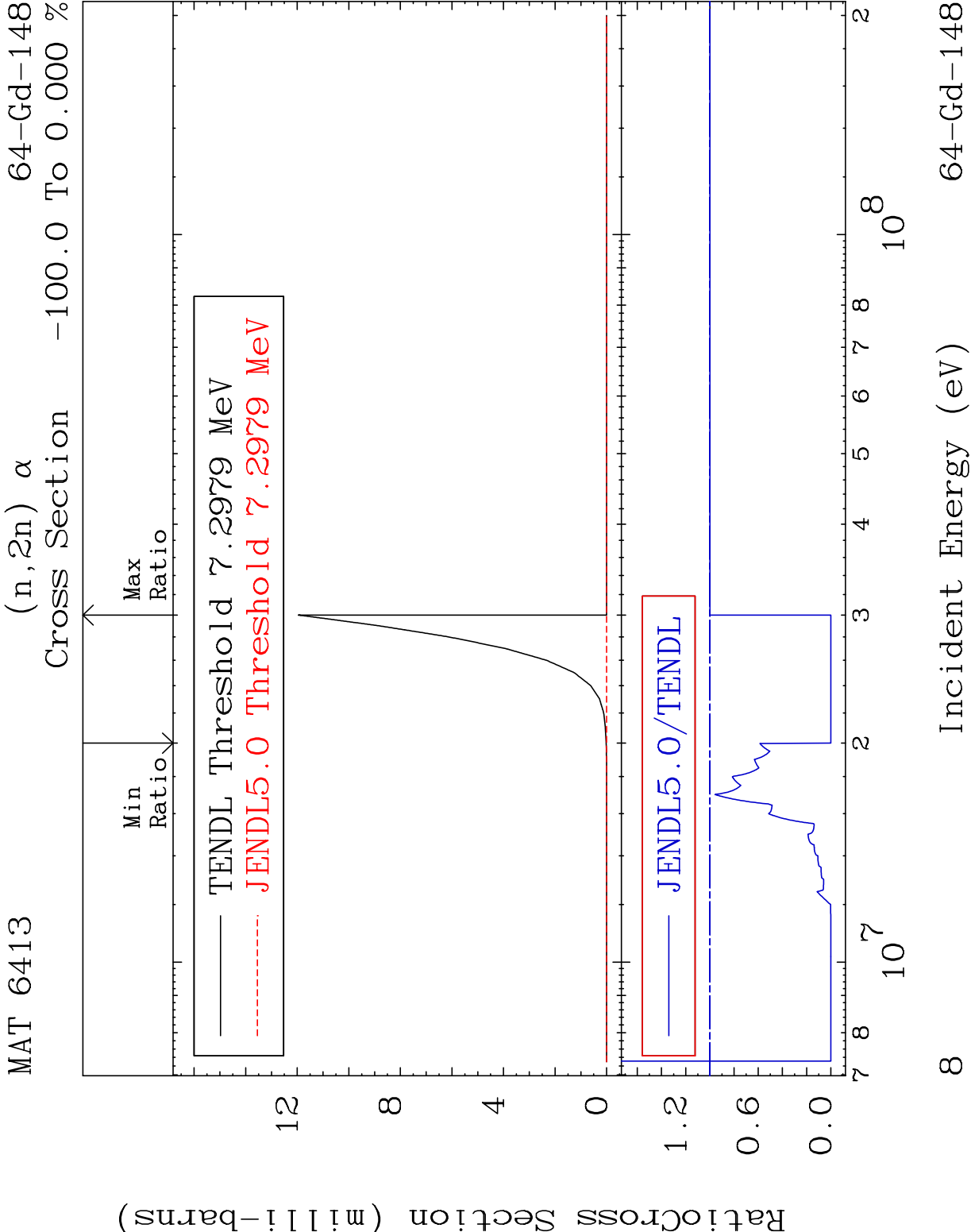


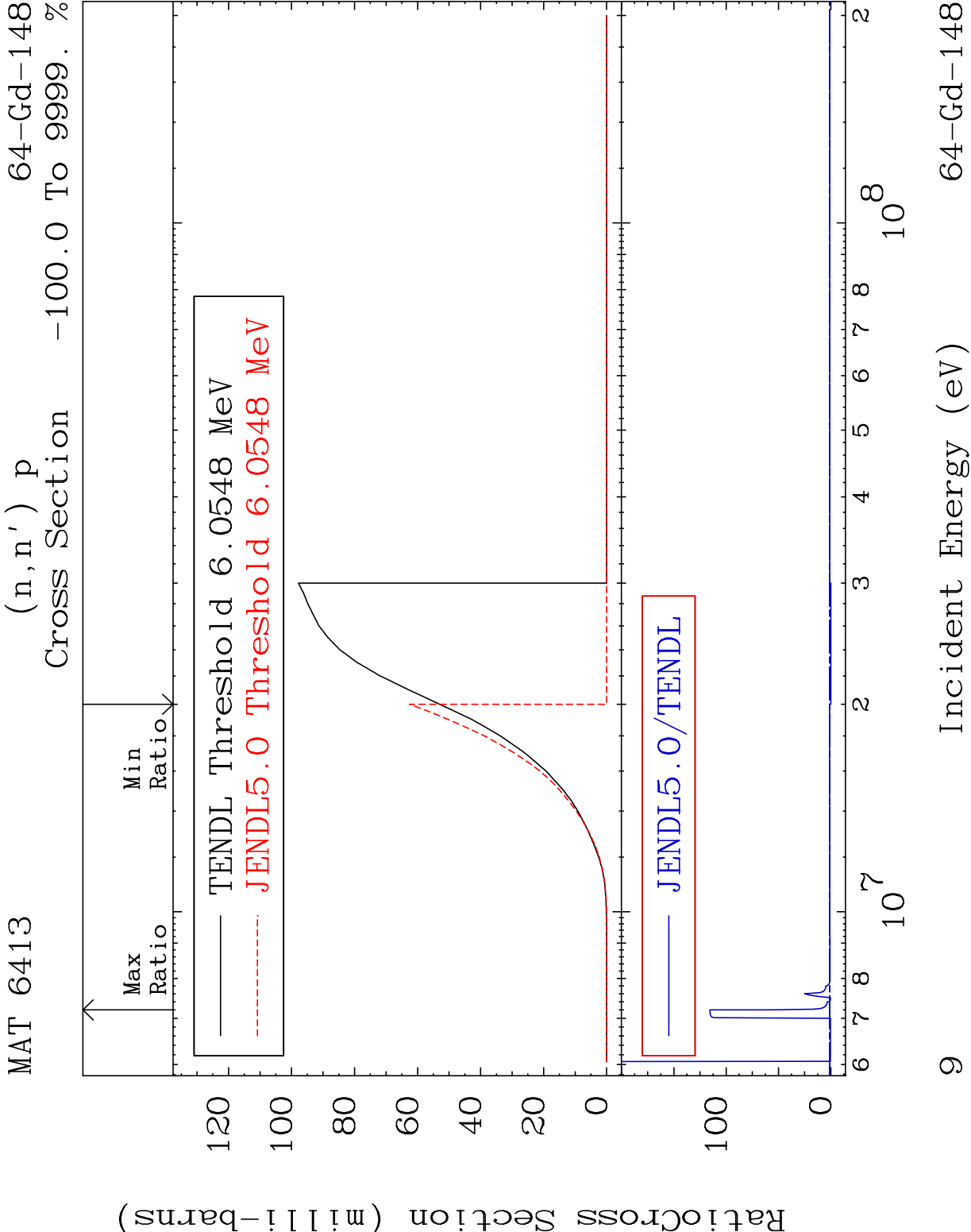


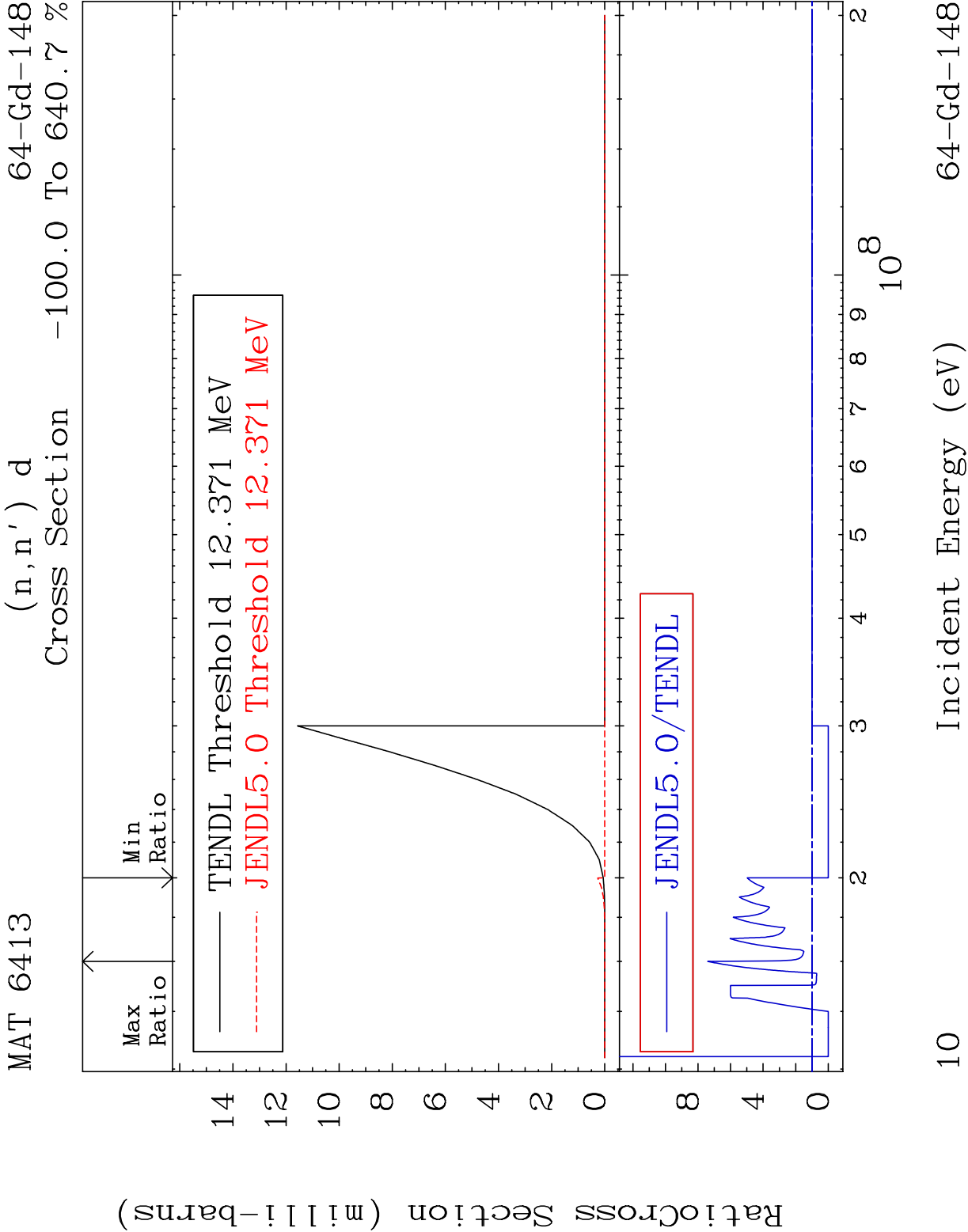


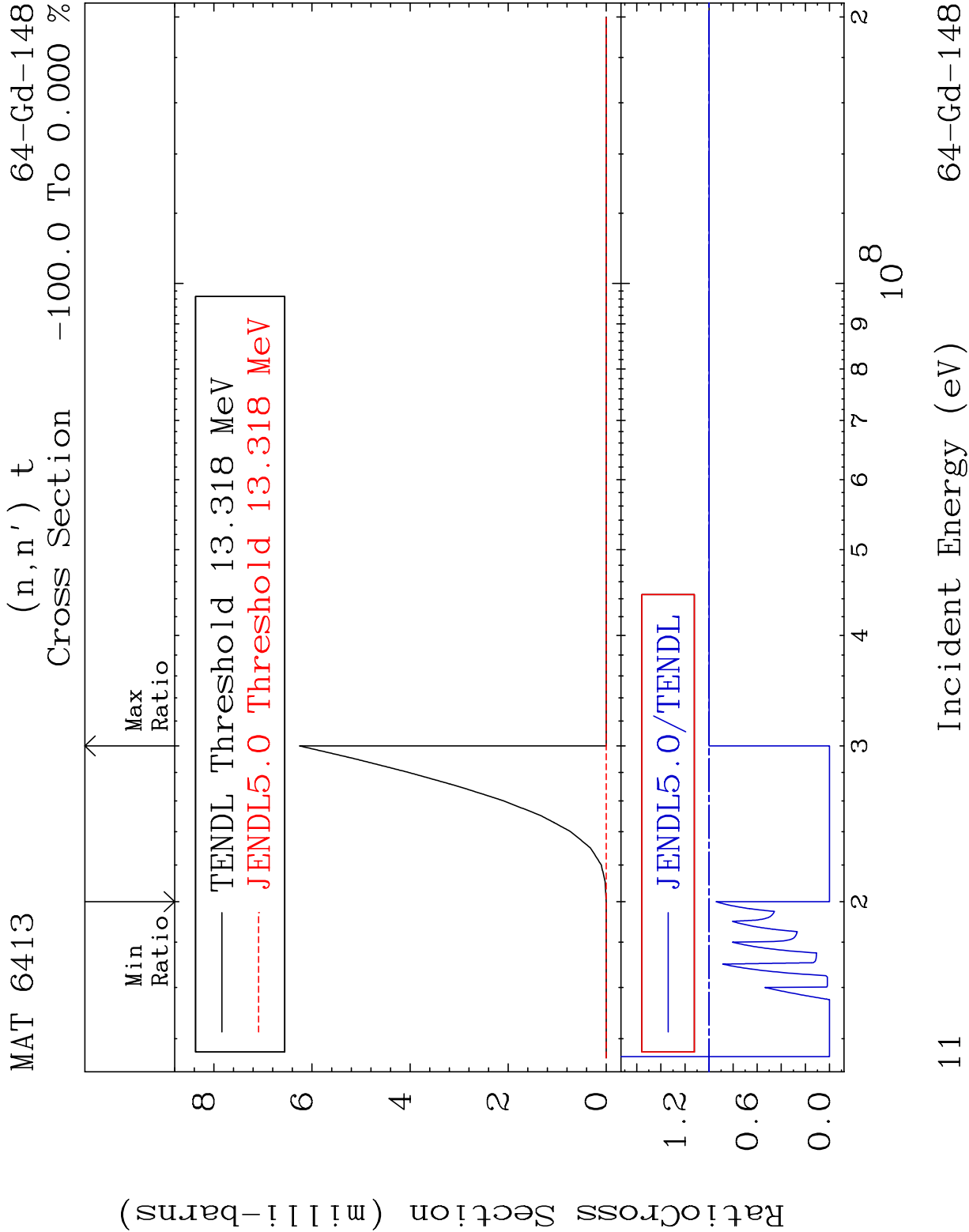


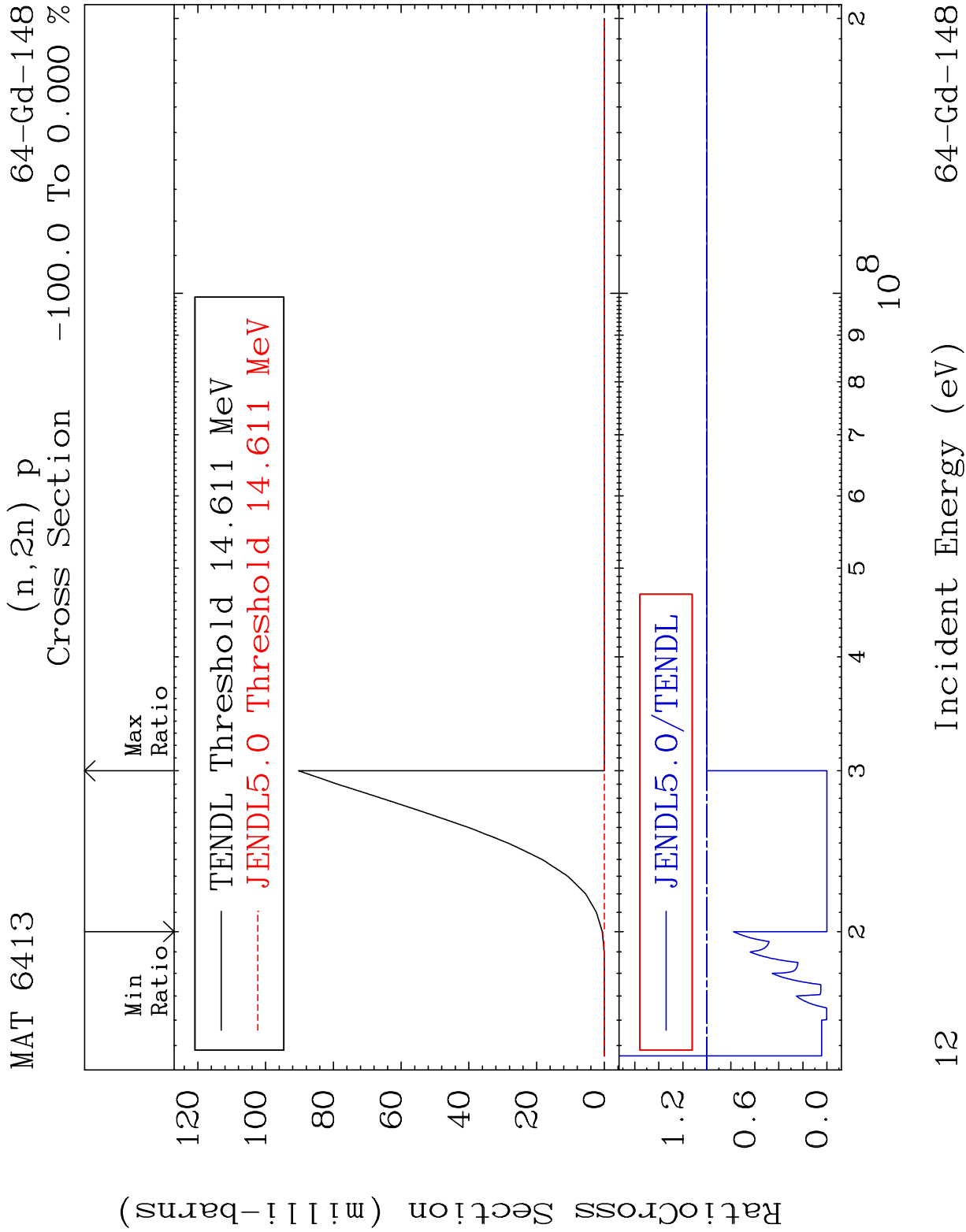


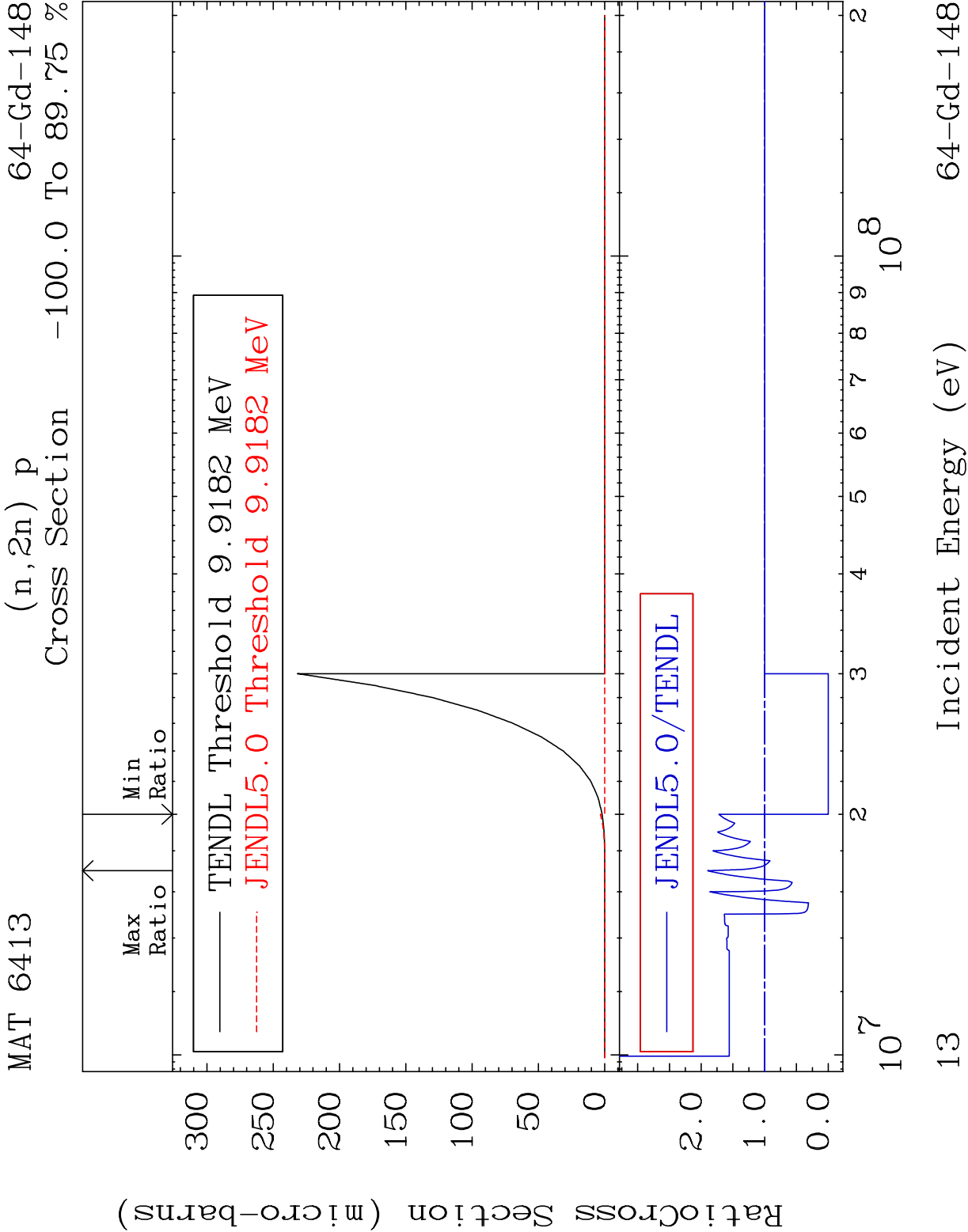


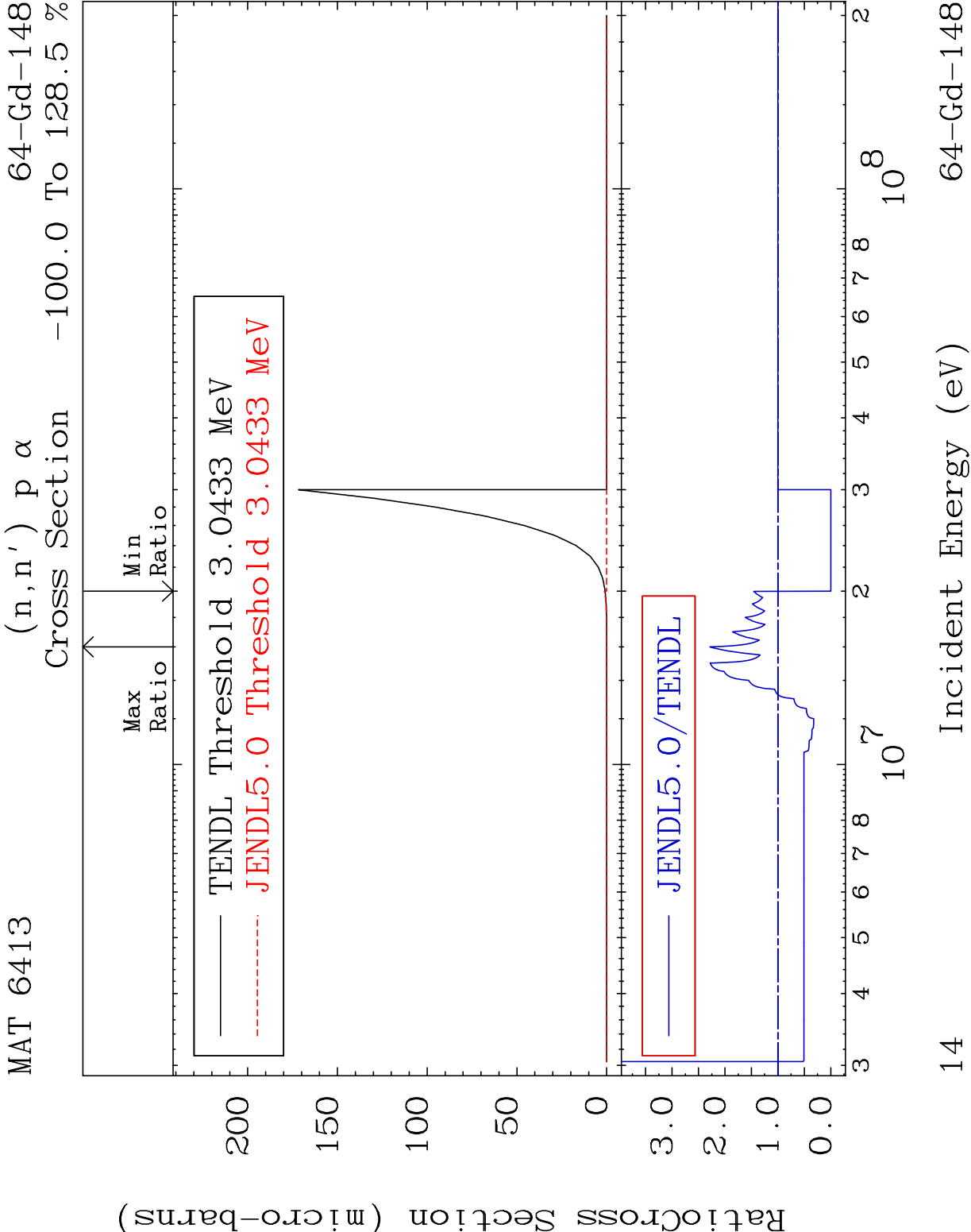




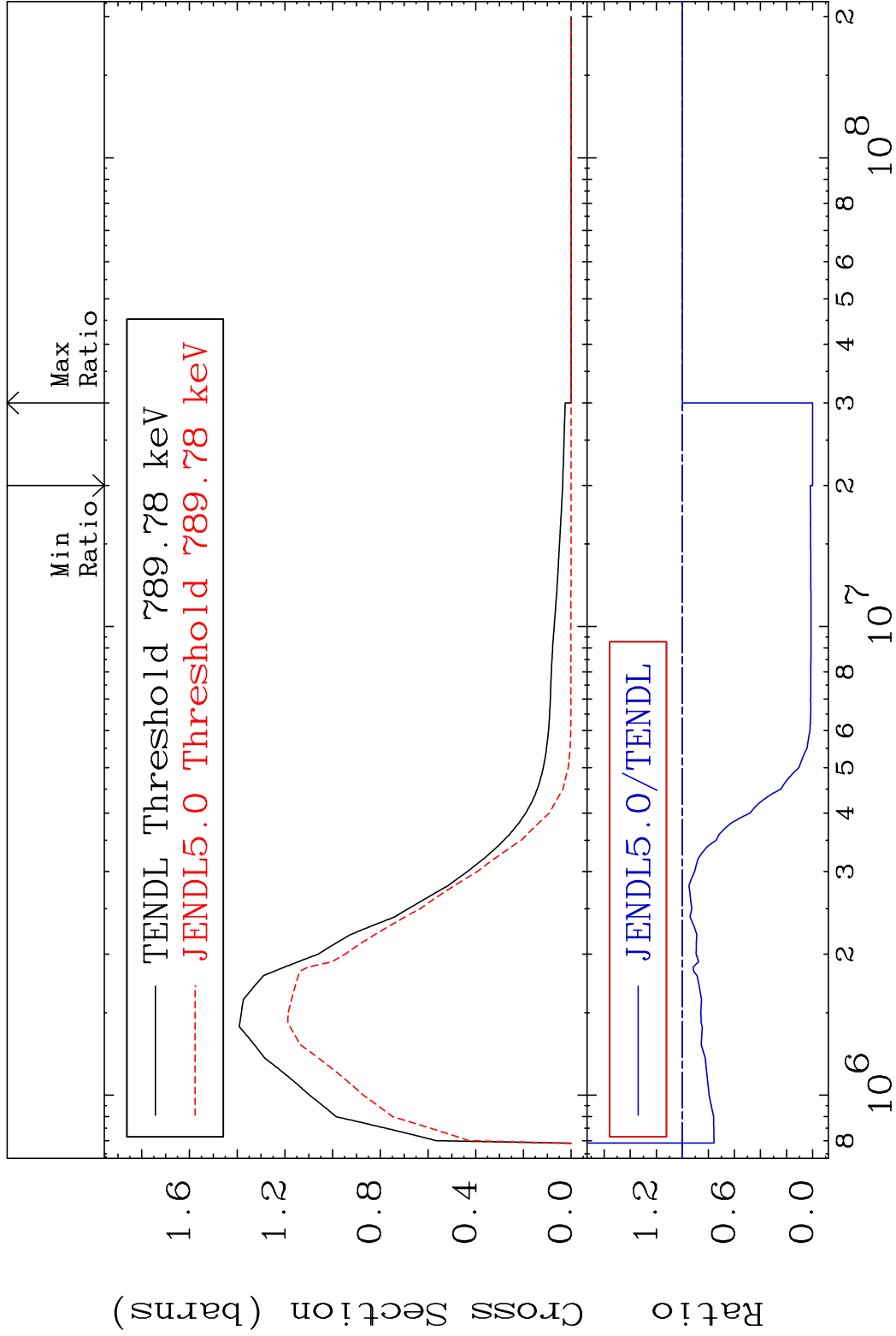




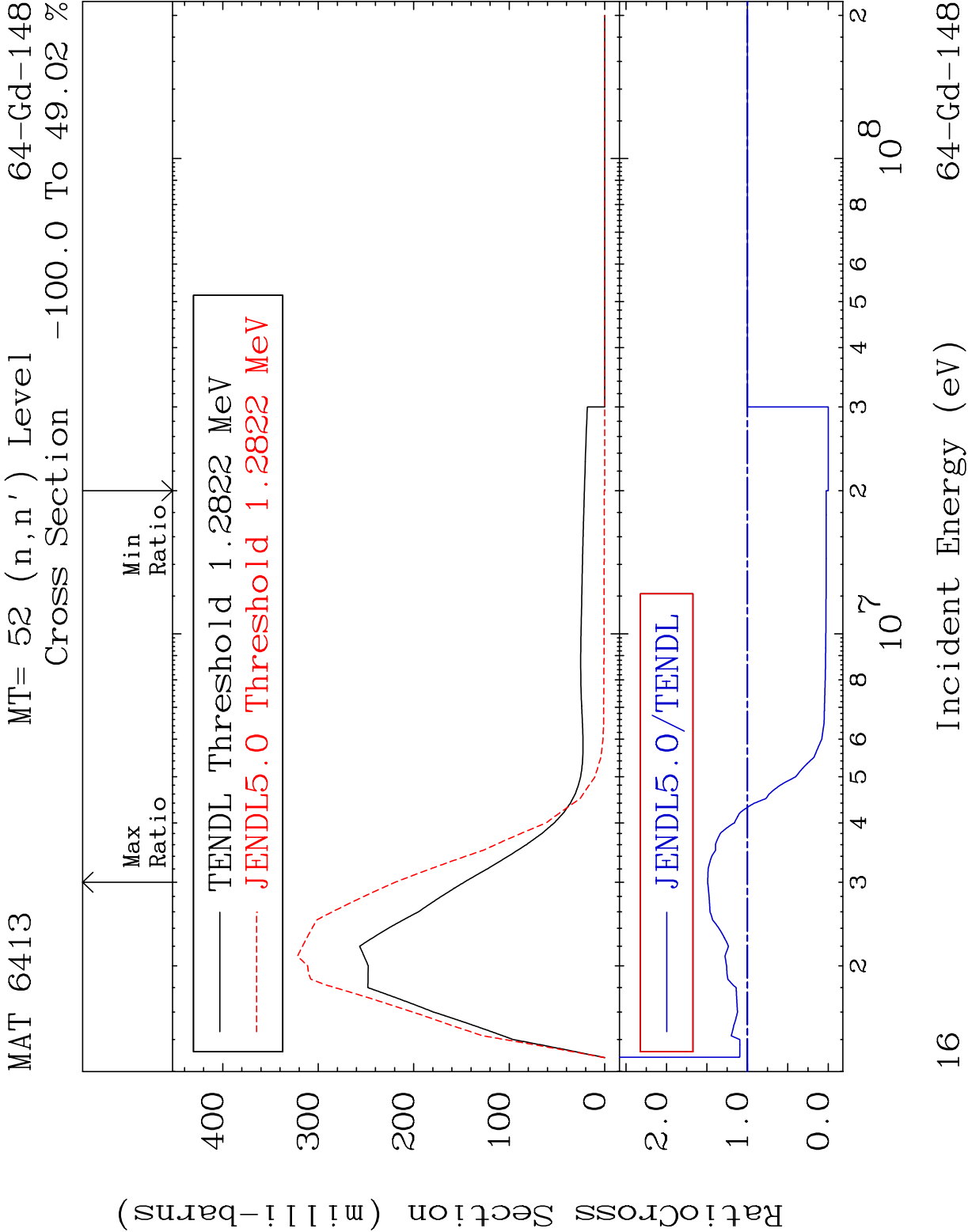


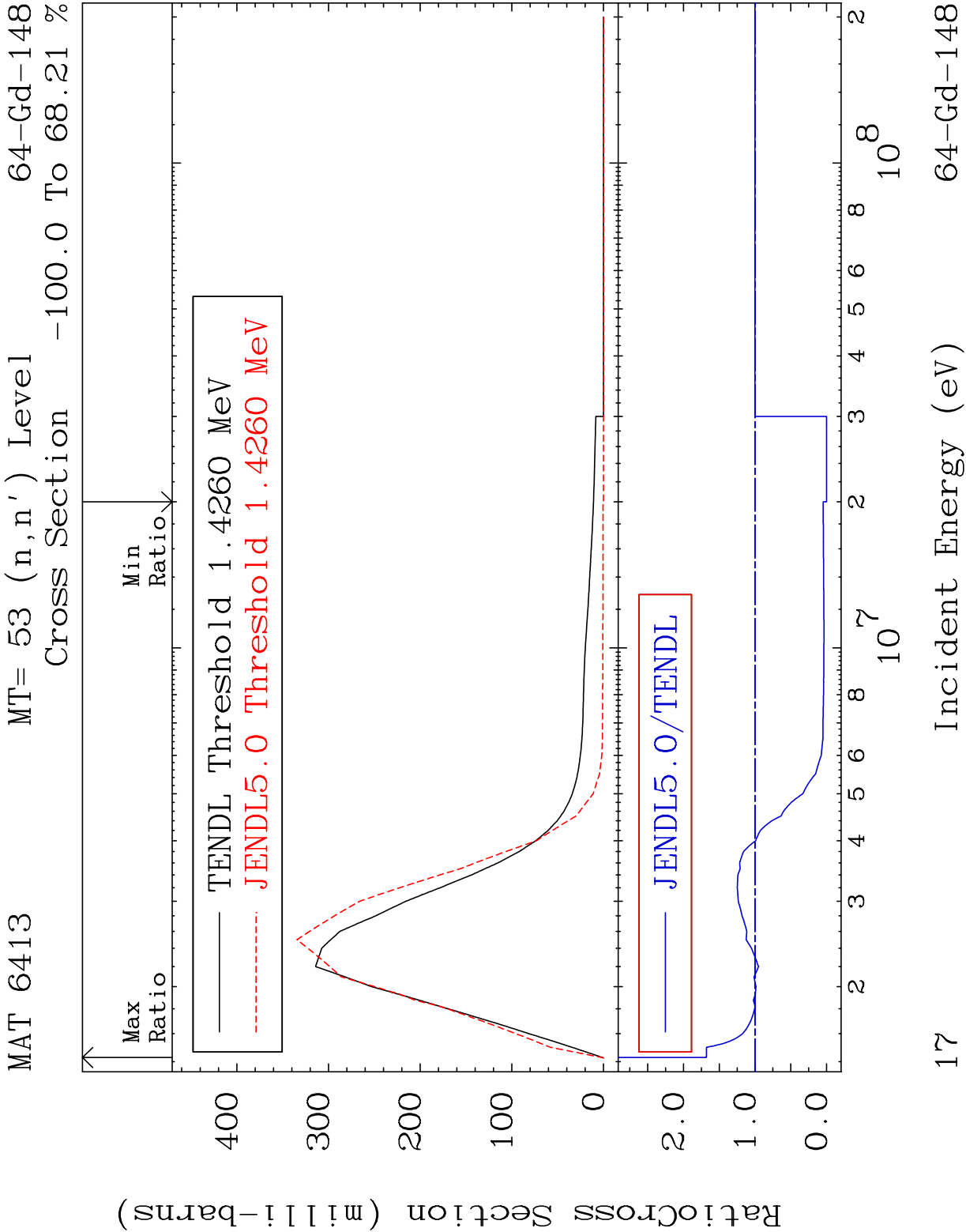


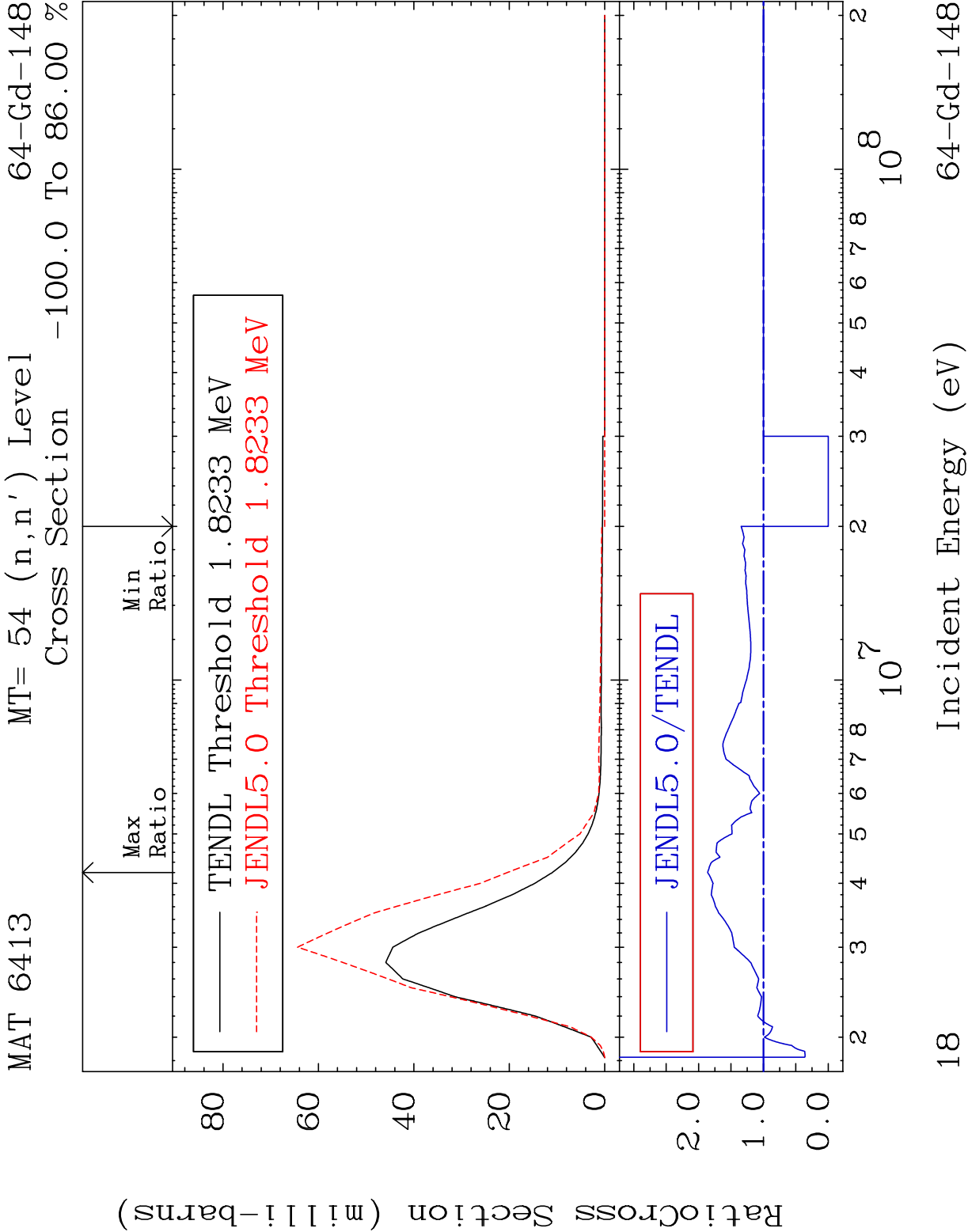
MAT 6413 MT= 51 (n,n') Level 64-Gd-148
Cross Section -100.0 To 0.000 %



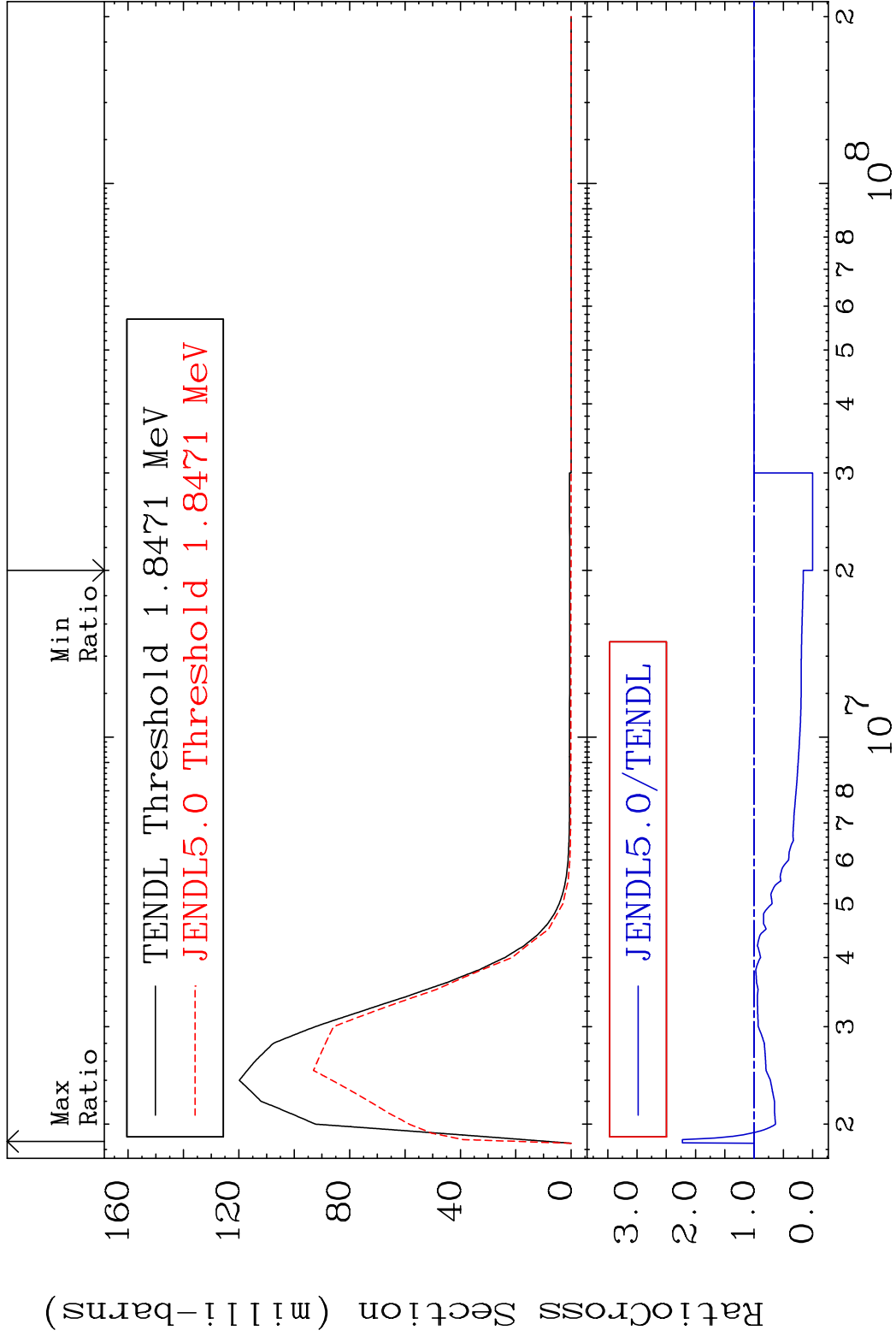
15 Incident Energy (eV) 64-Gd-148

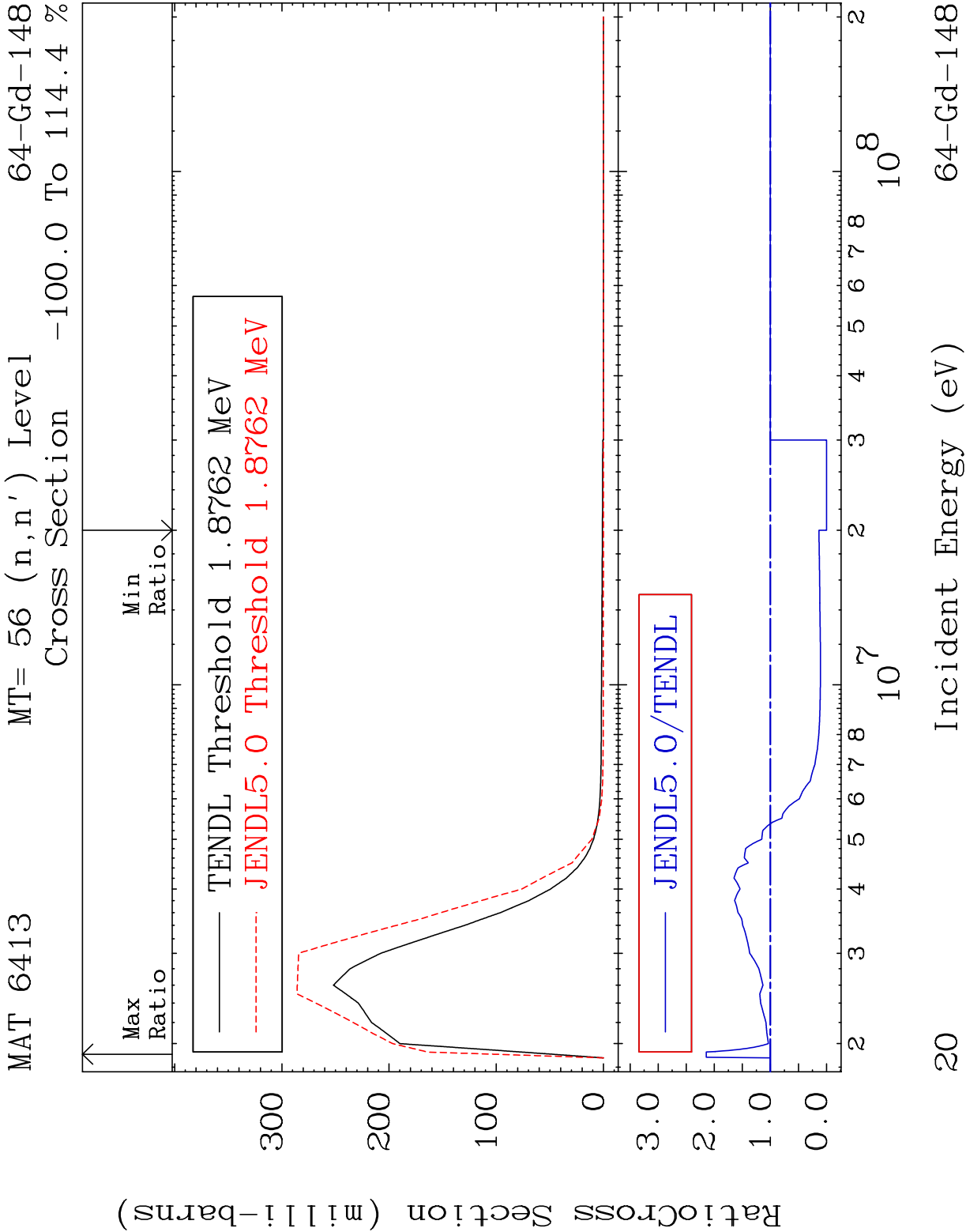




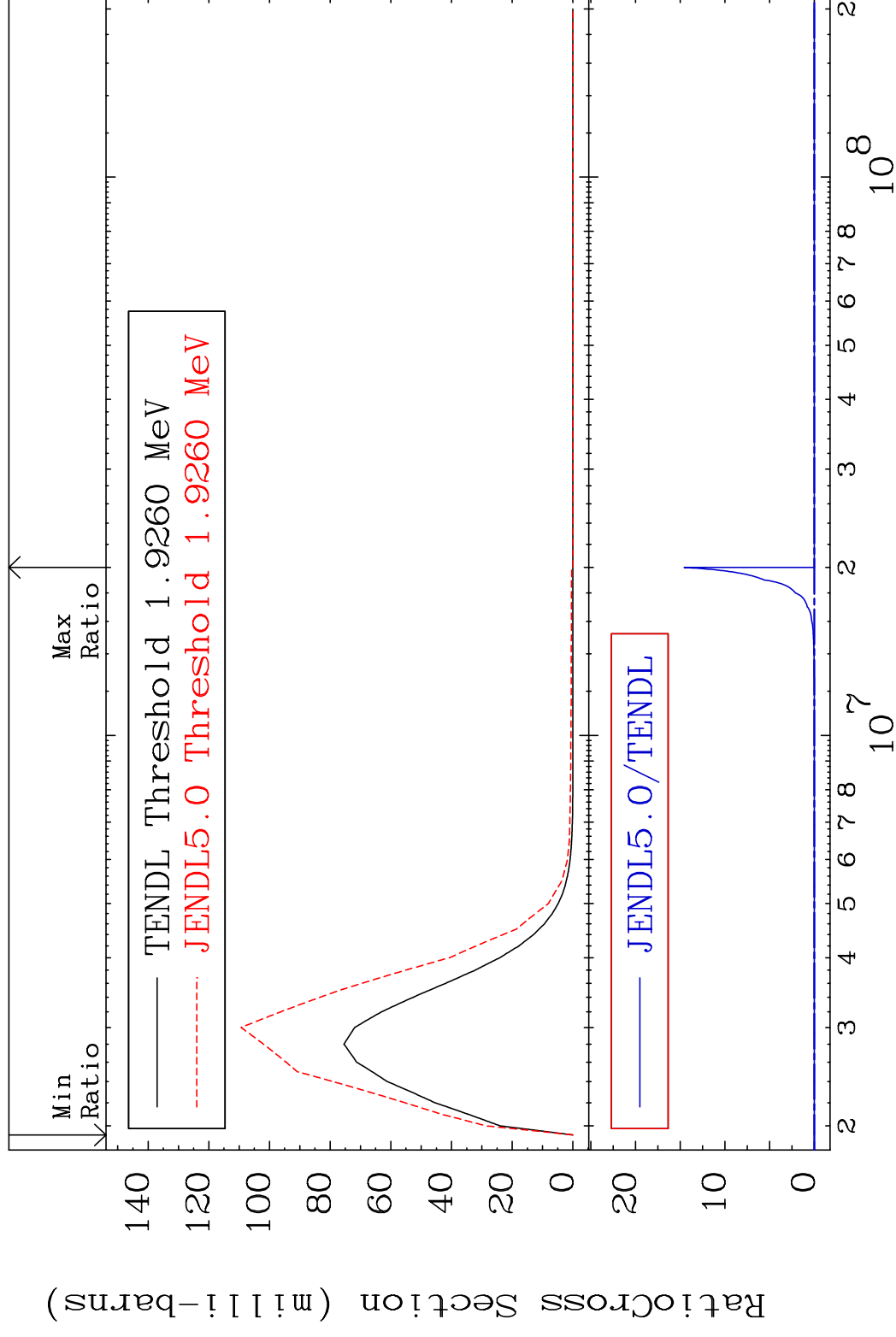


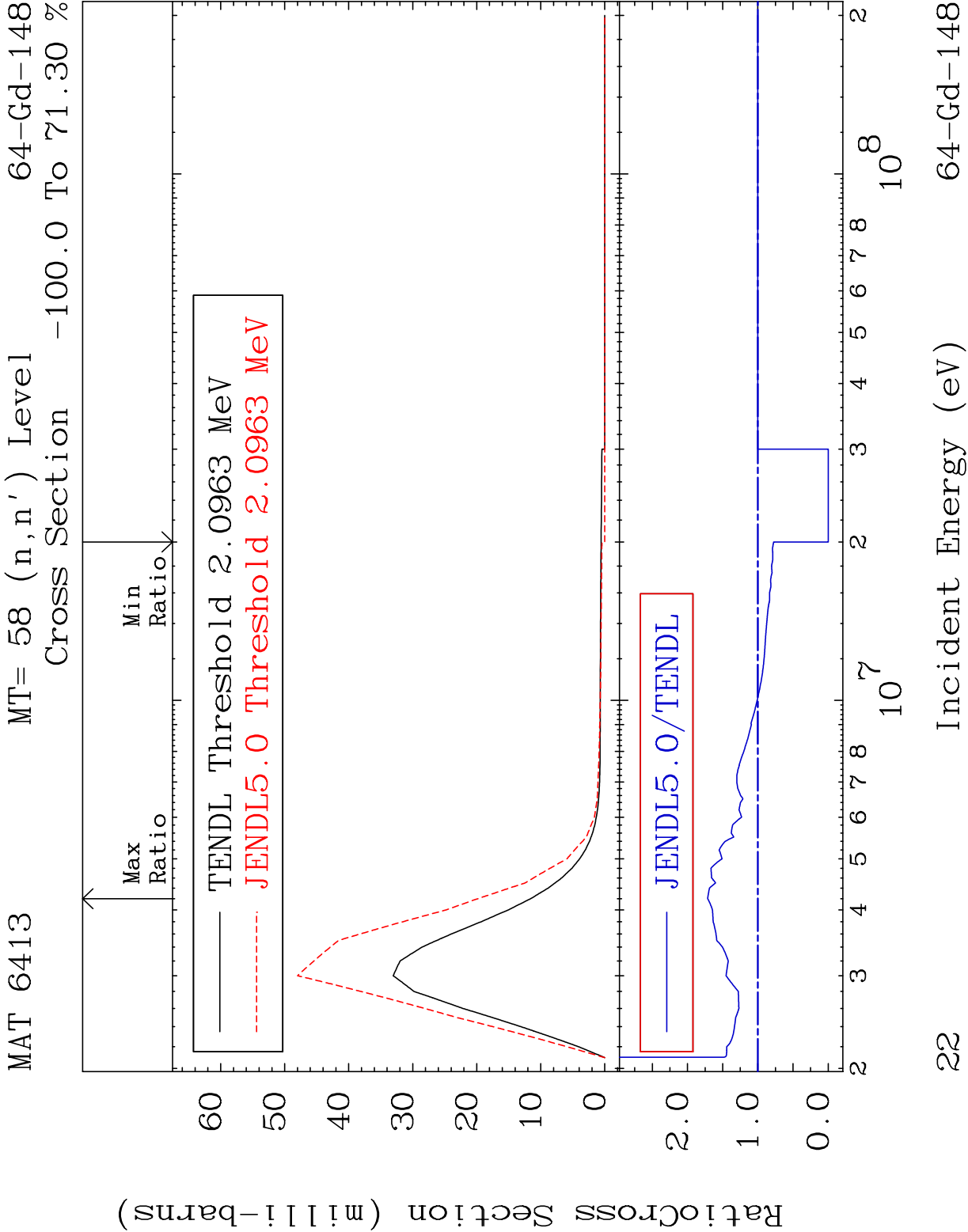
MAT 6413 MT= 55 (n,n') Level 64-Gd-148
Cross Section -100.0 To 122.5 %

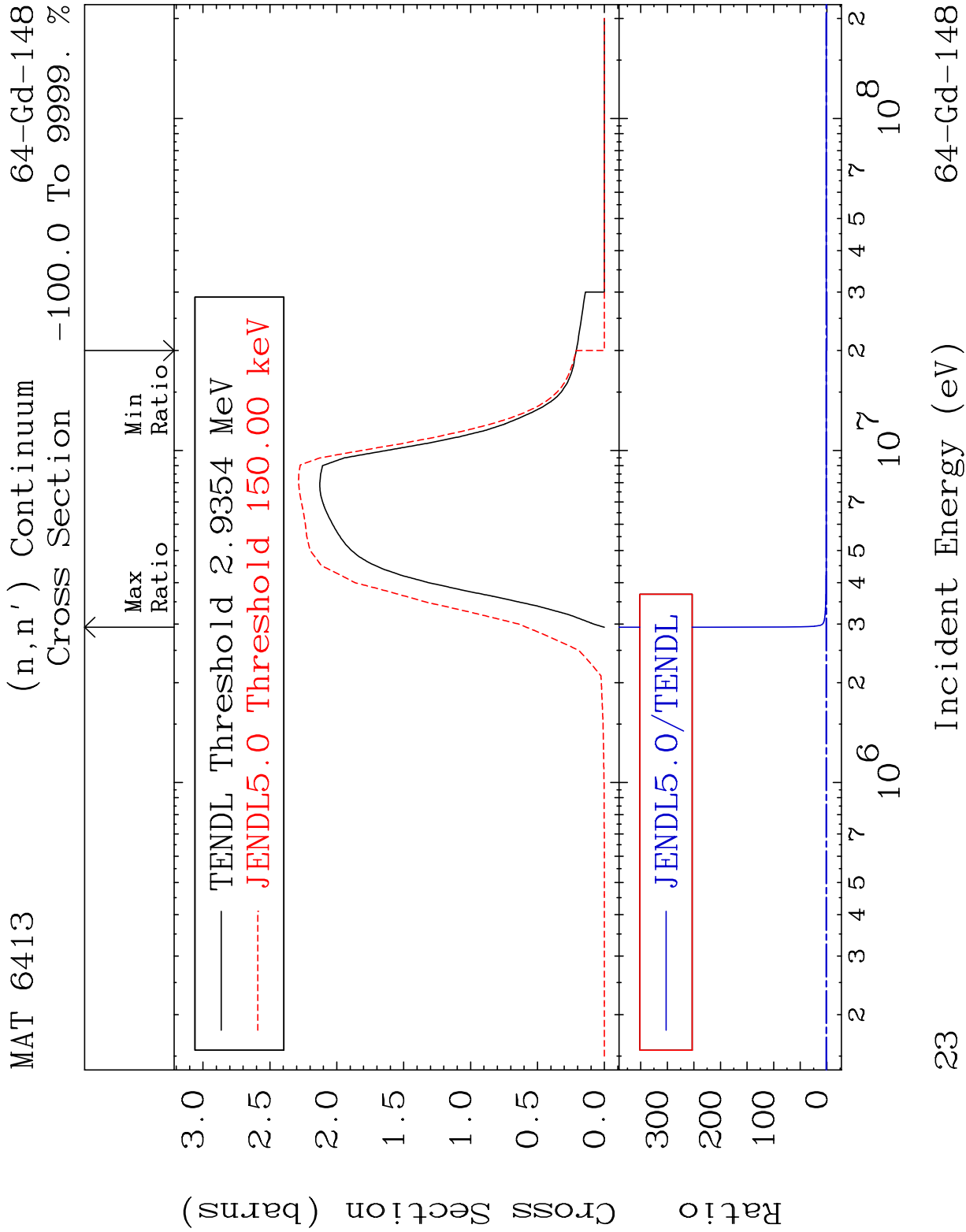


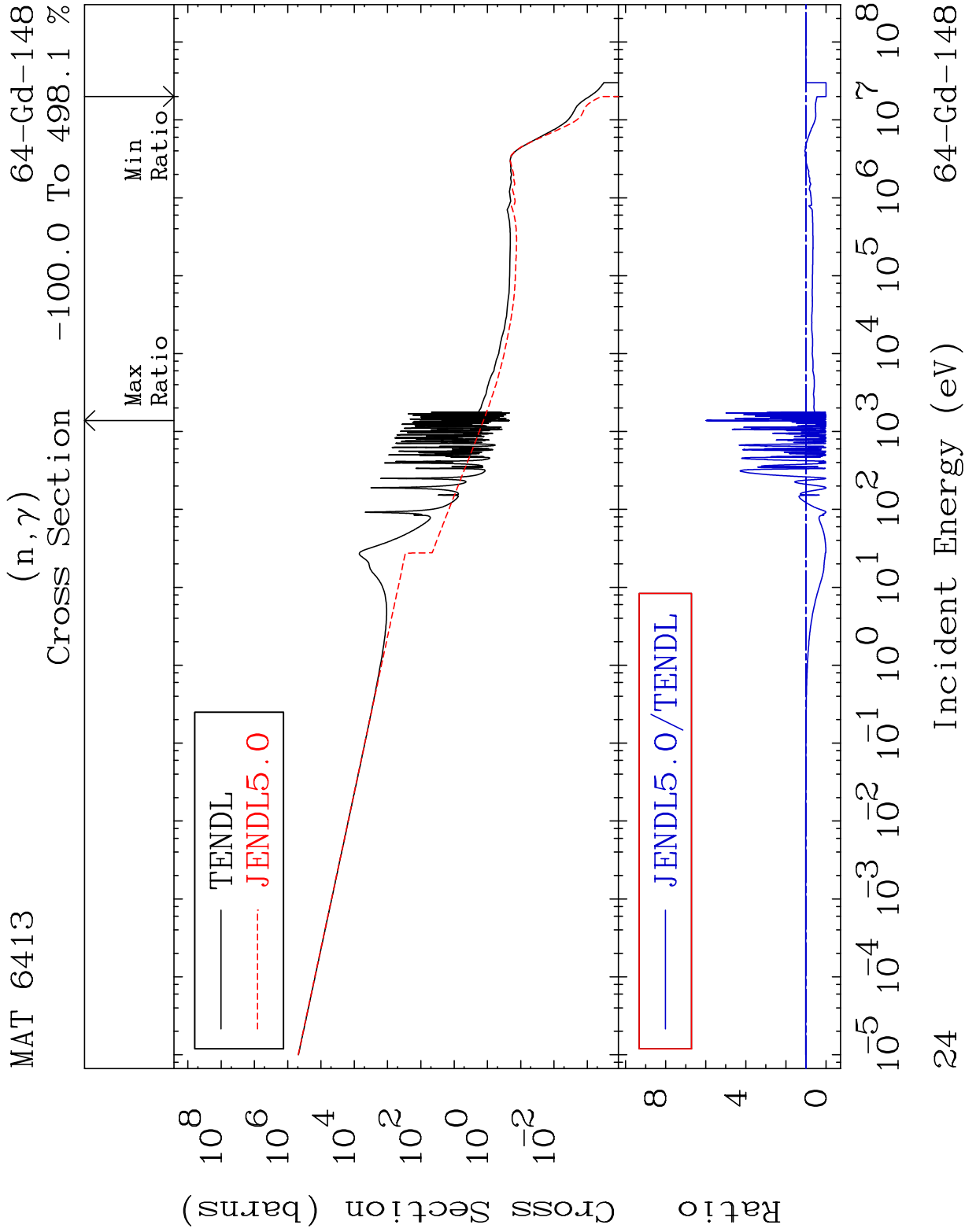


MAT 6413	MT= 57 (n, n') Level	64-Gd-148
	Cross Section	-100.0 To 9999. %







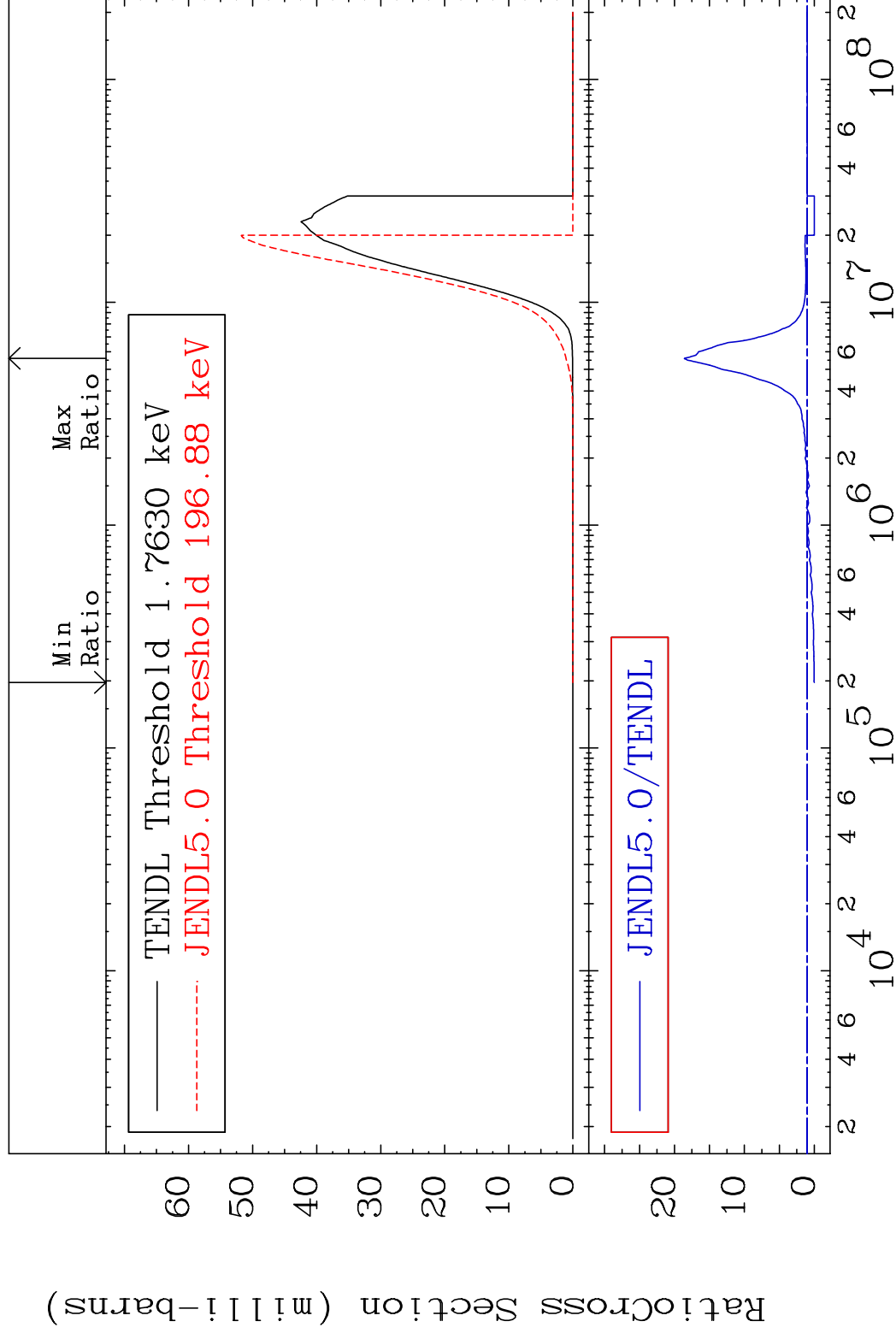


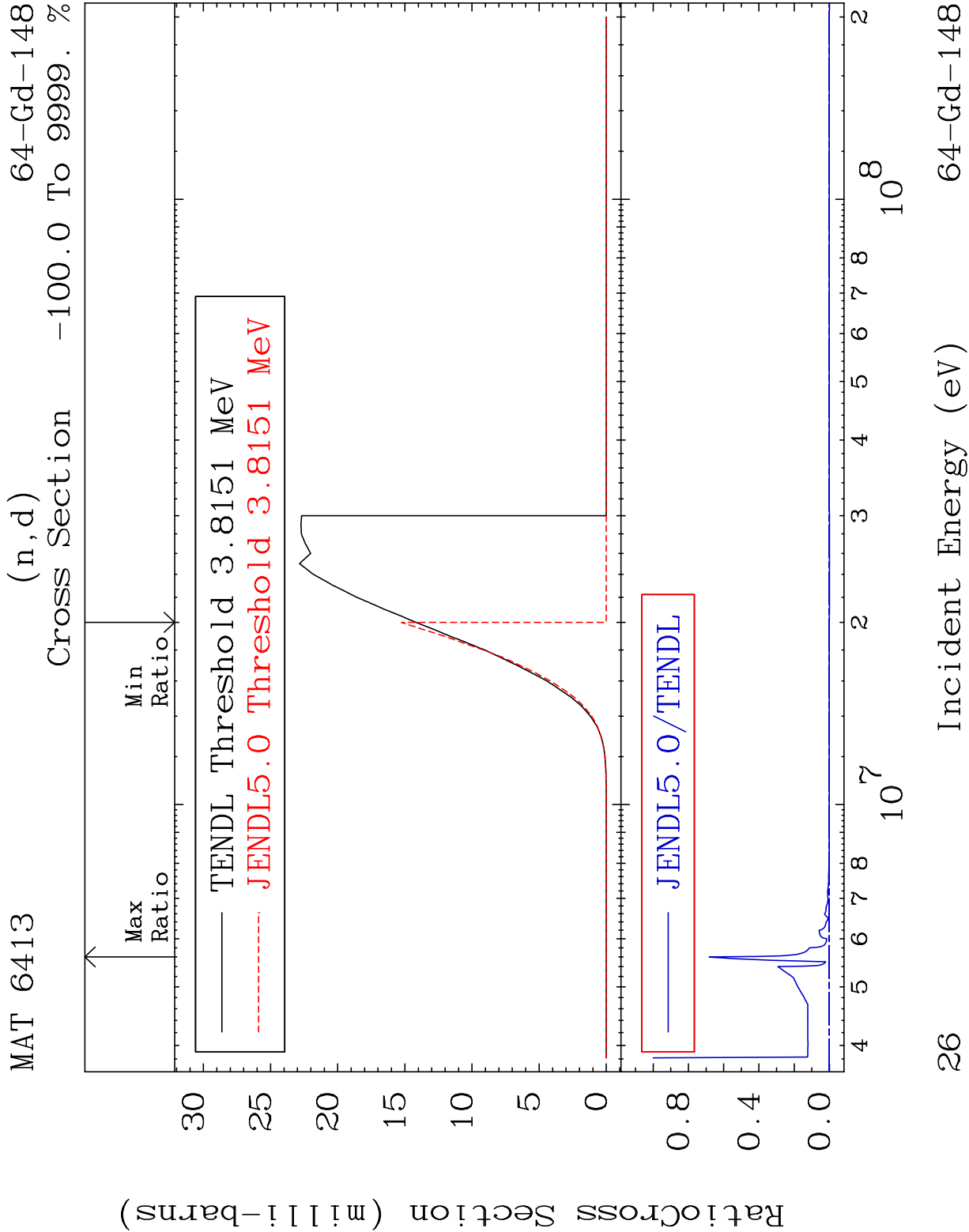
MAT 6413

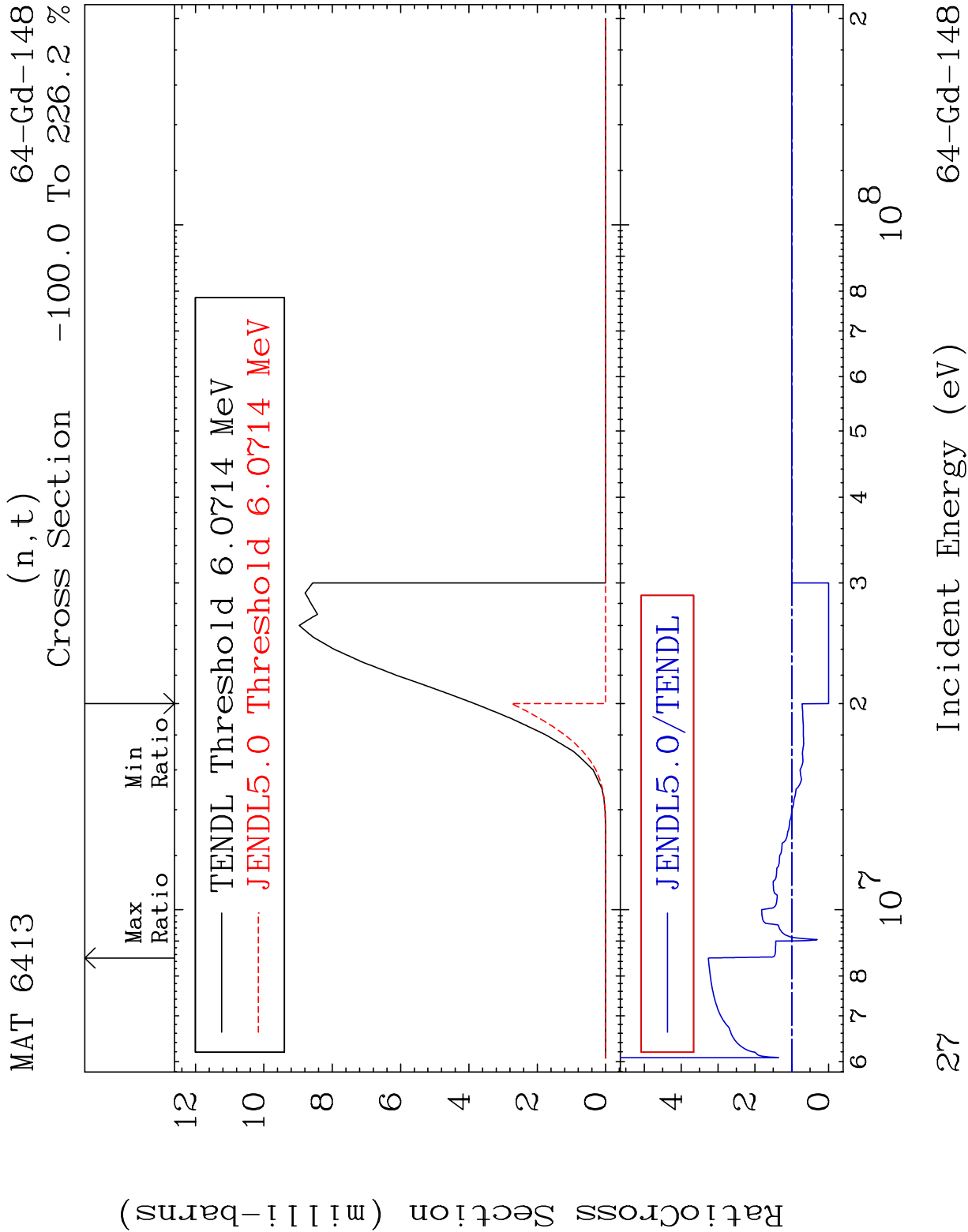
$$(n, p)$$

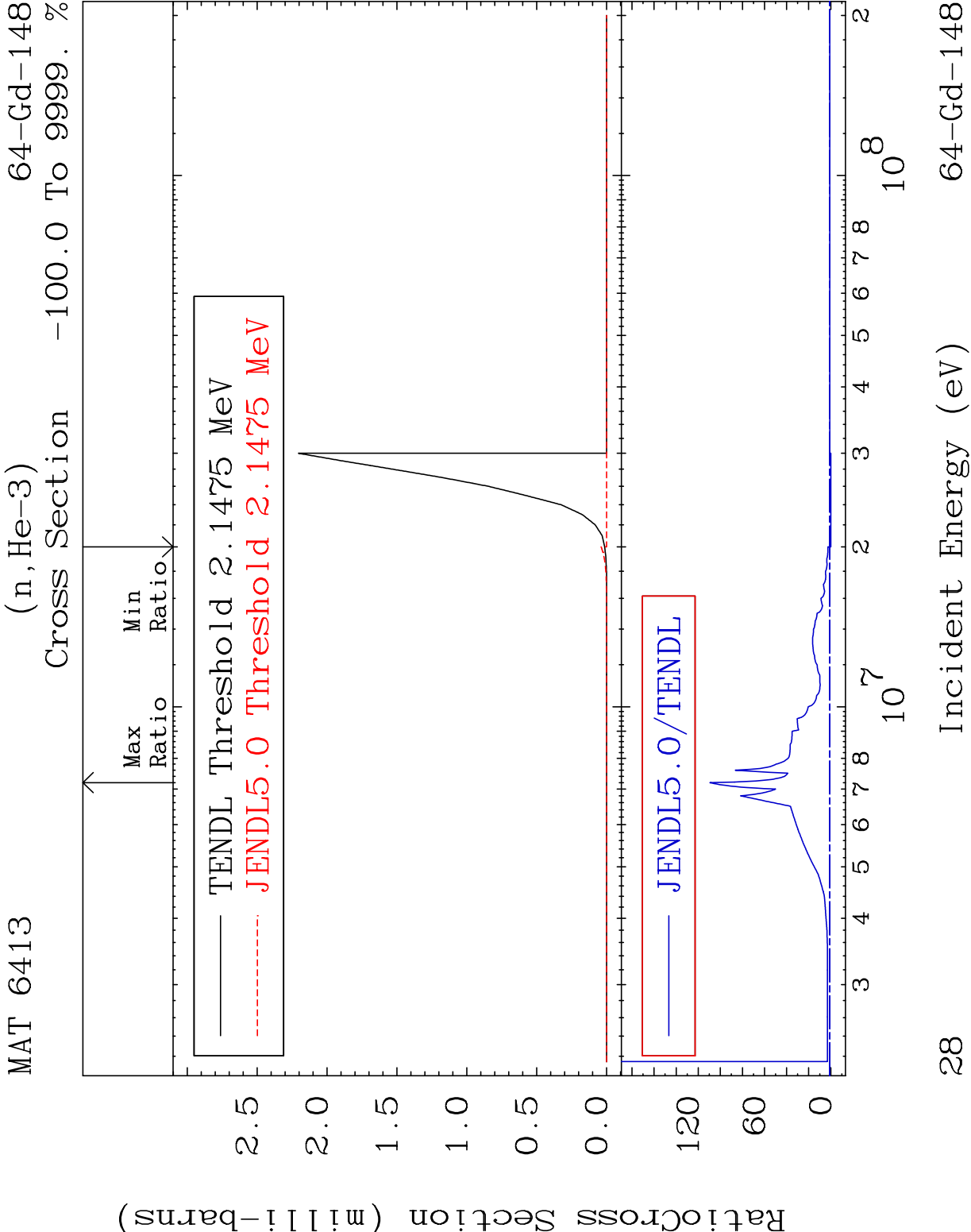
64-Gd-148

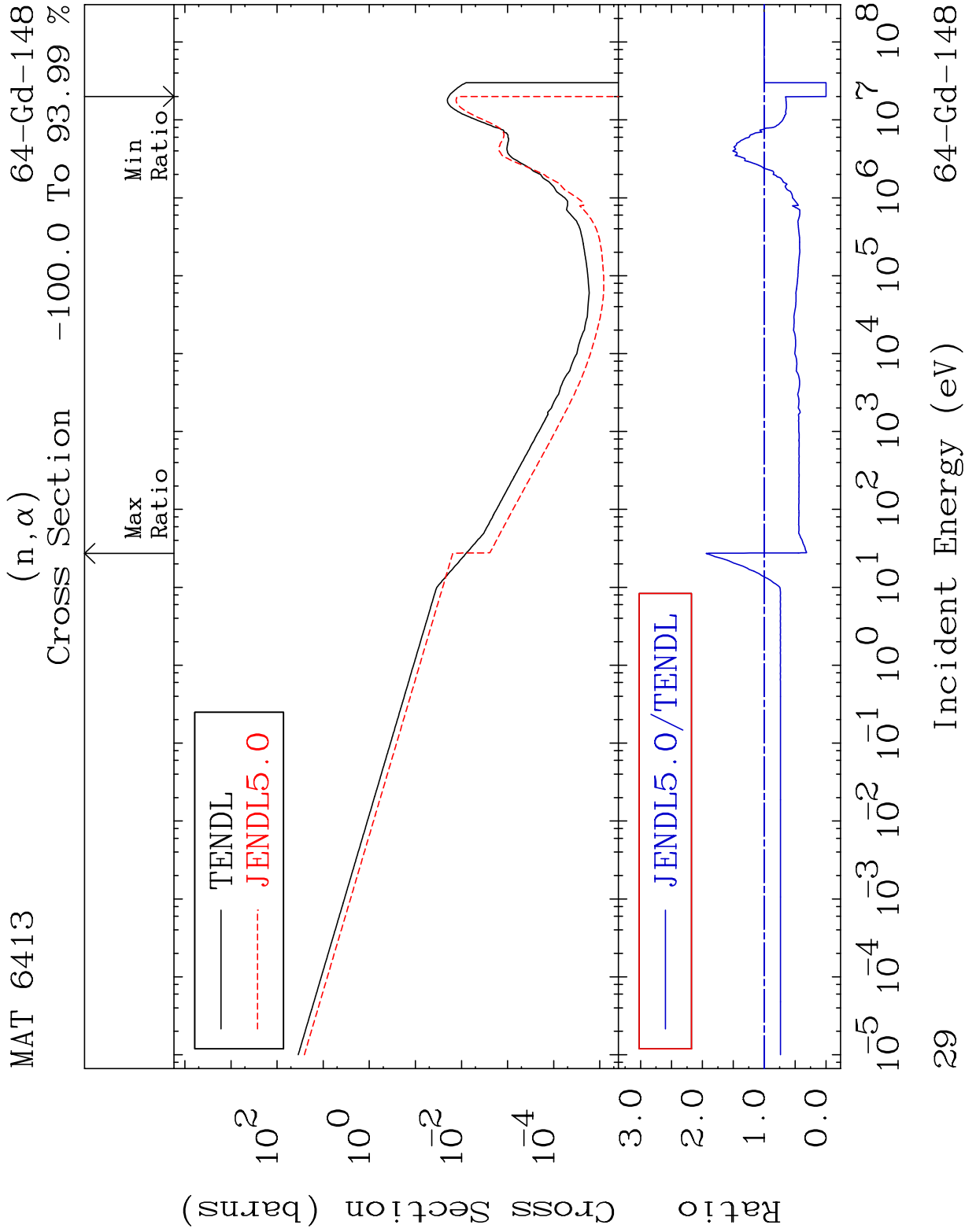
Cross Section -100.0 To 1763. %

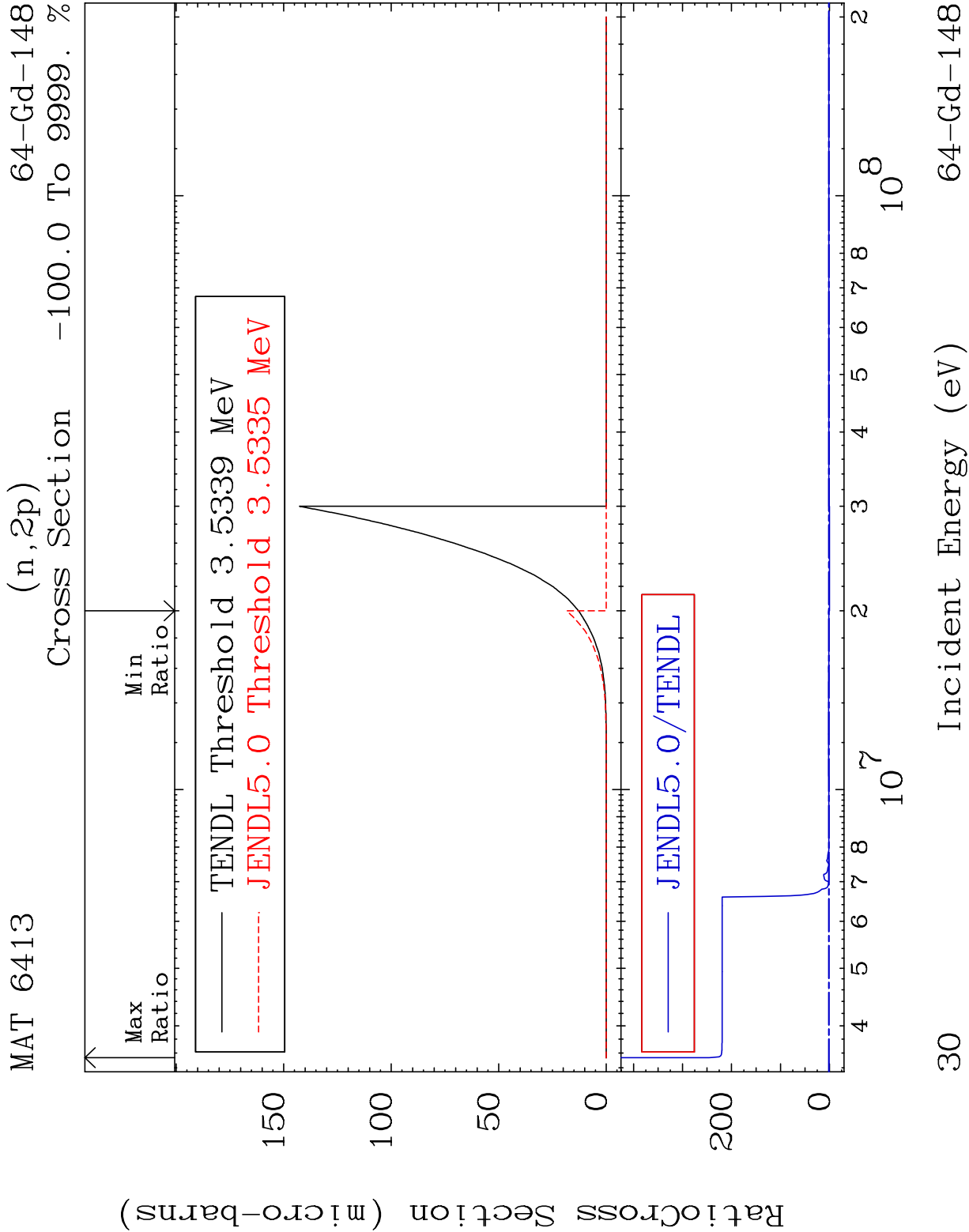




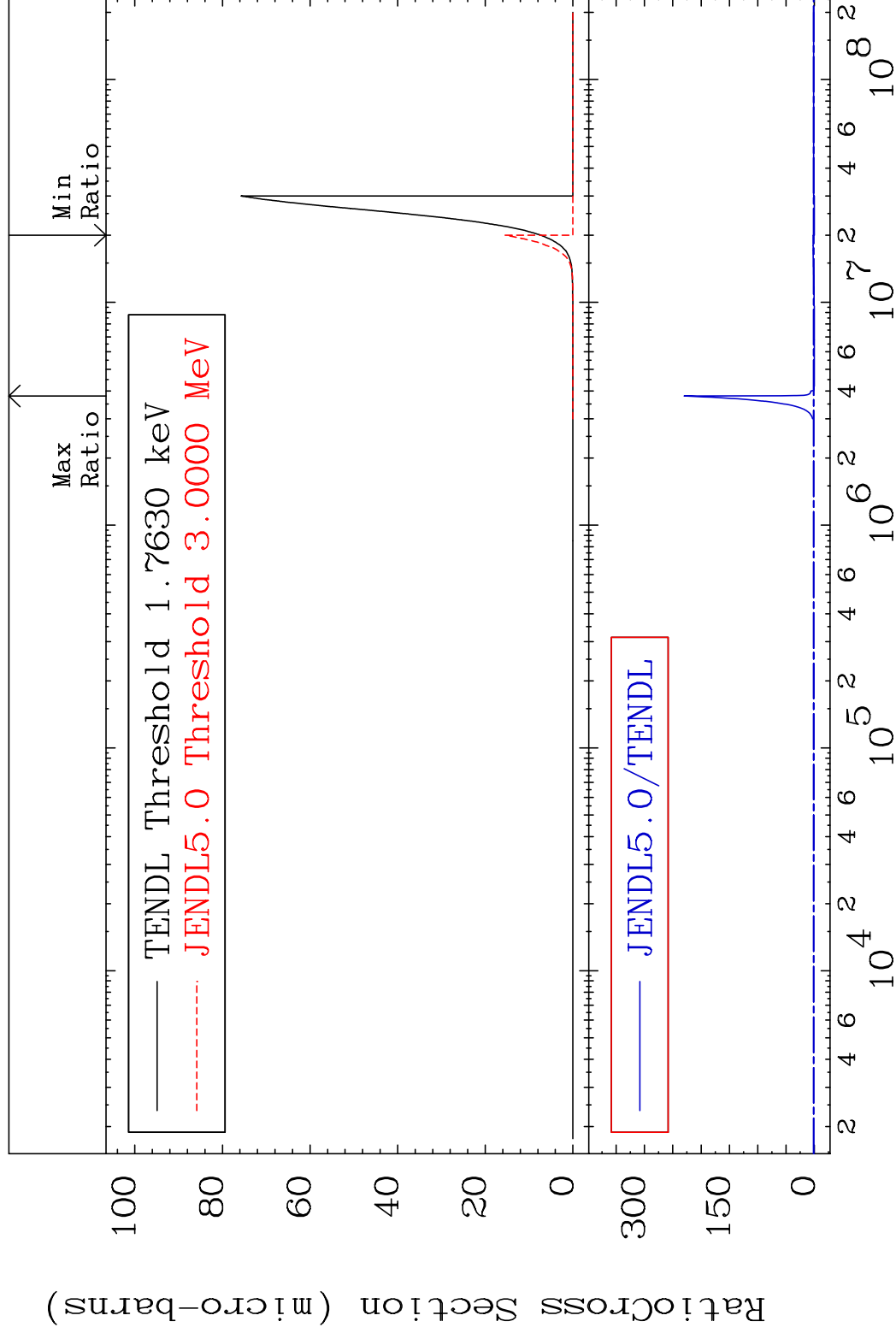


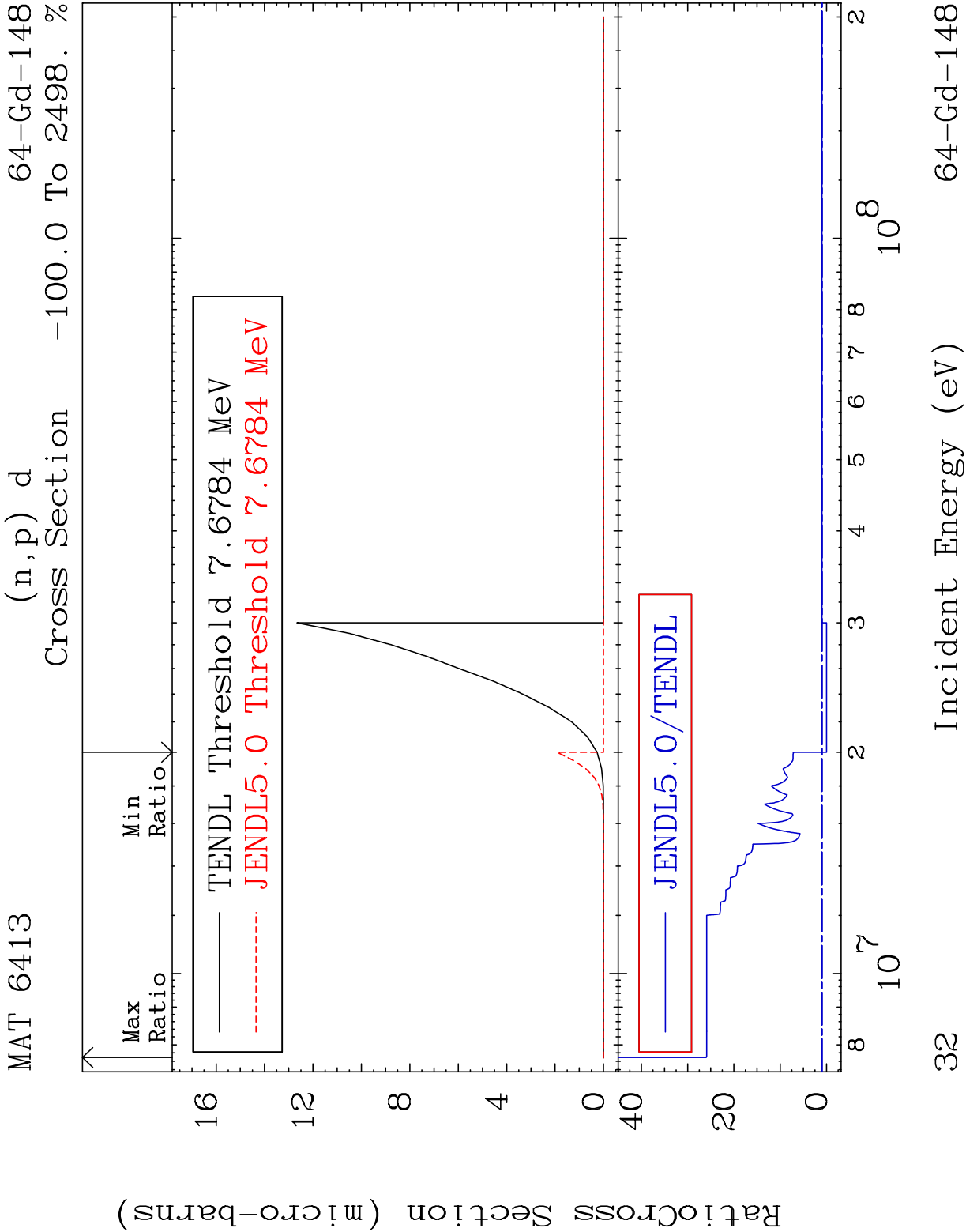


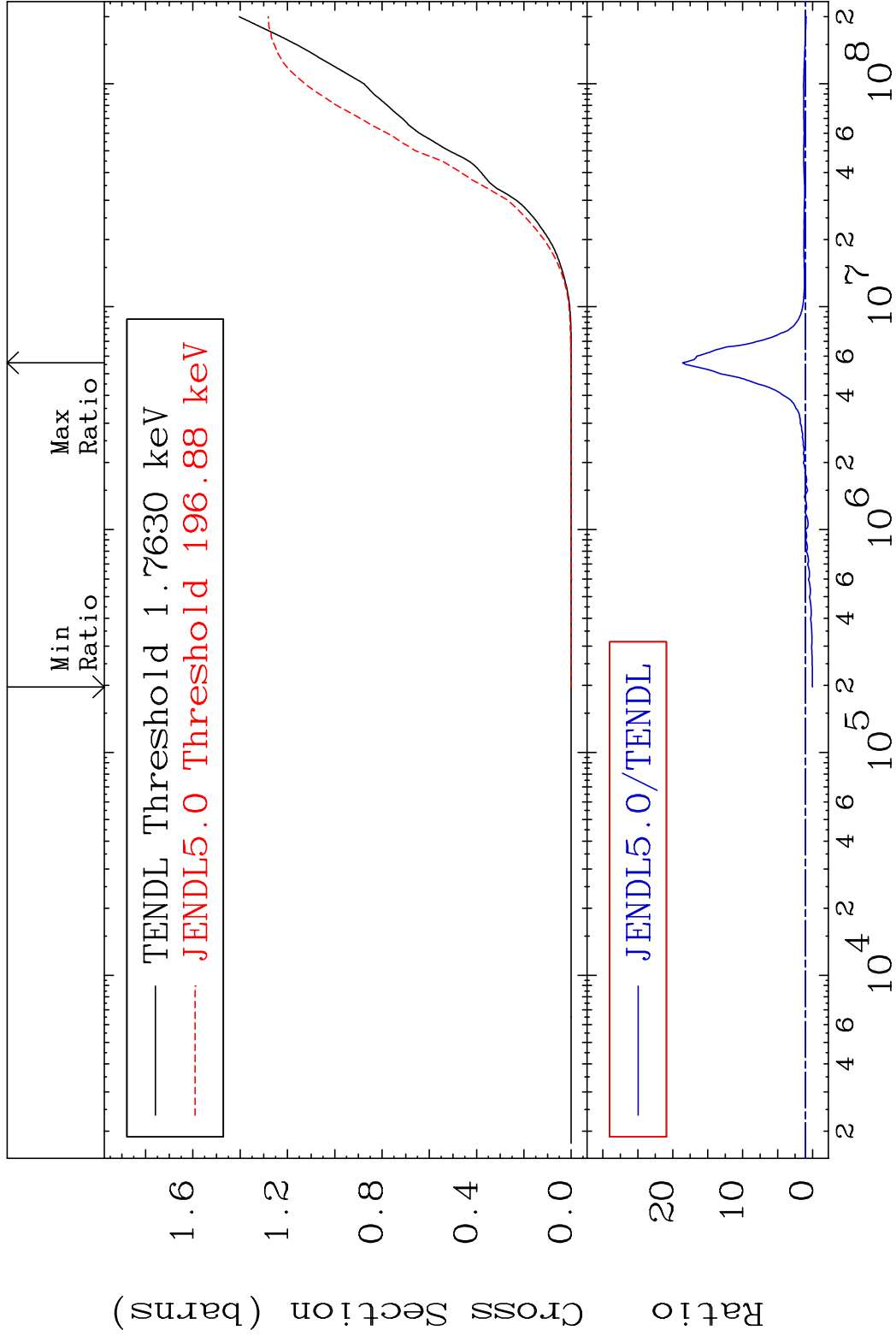




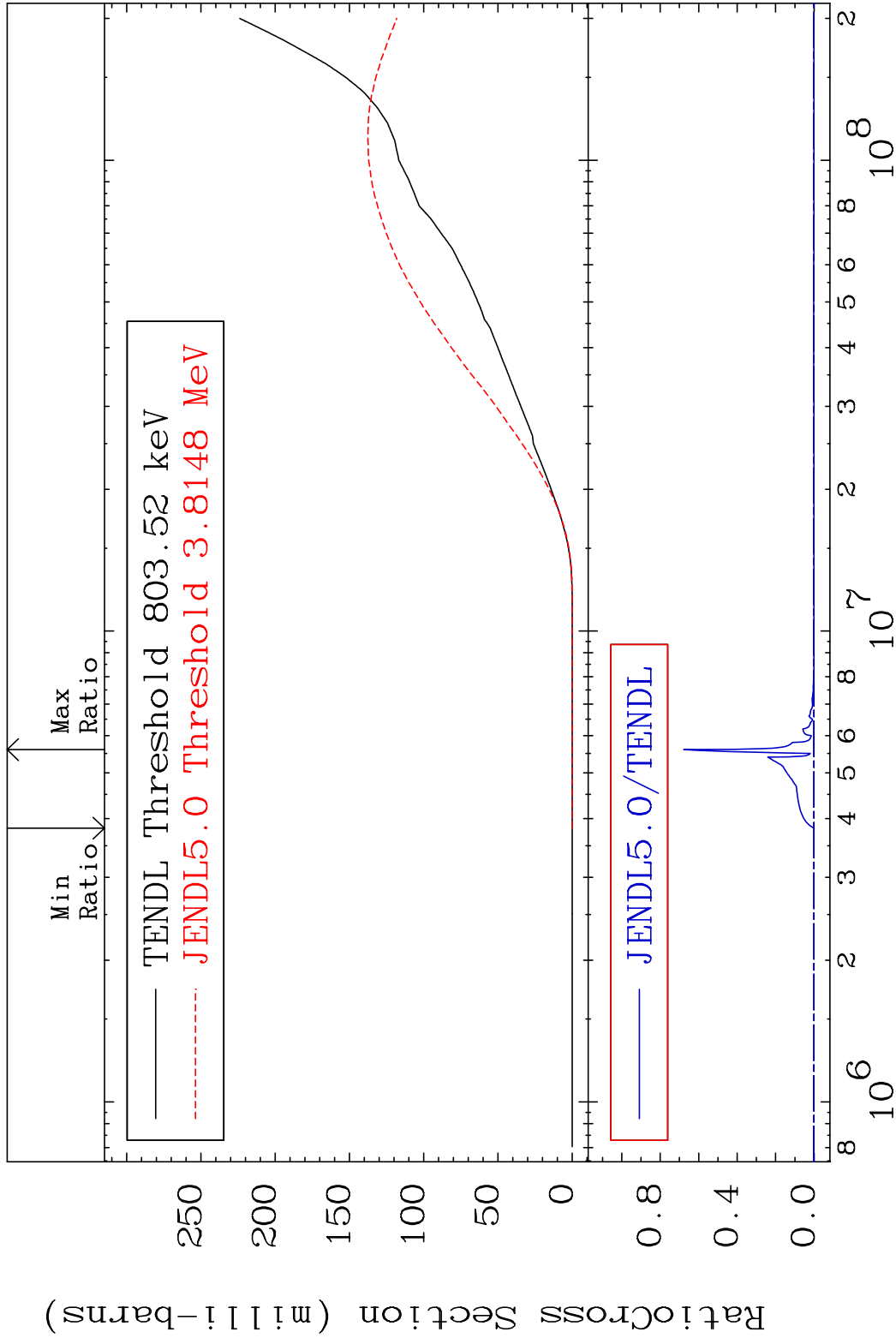
Cross Section -100.0 To 9999. %



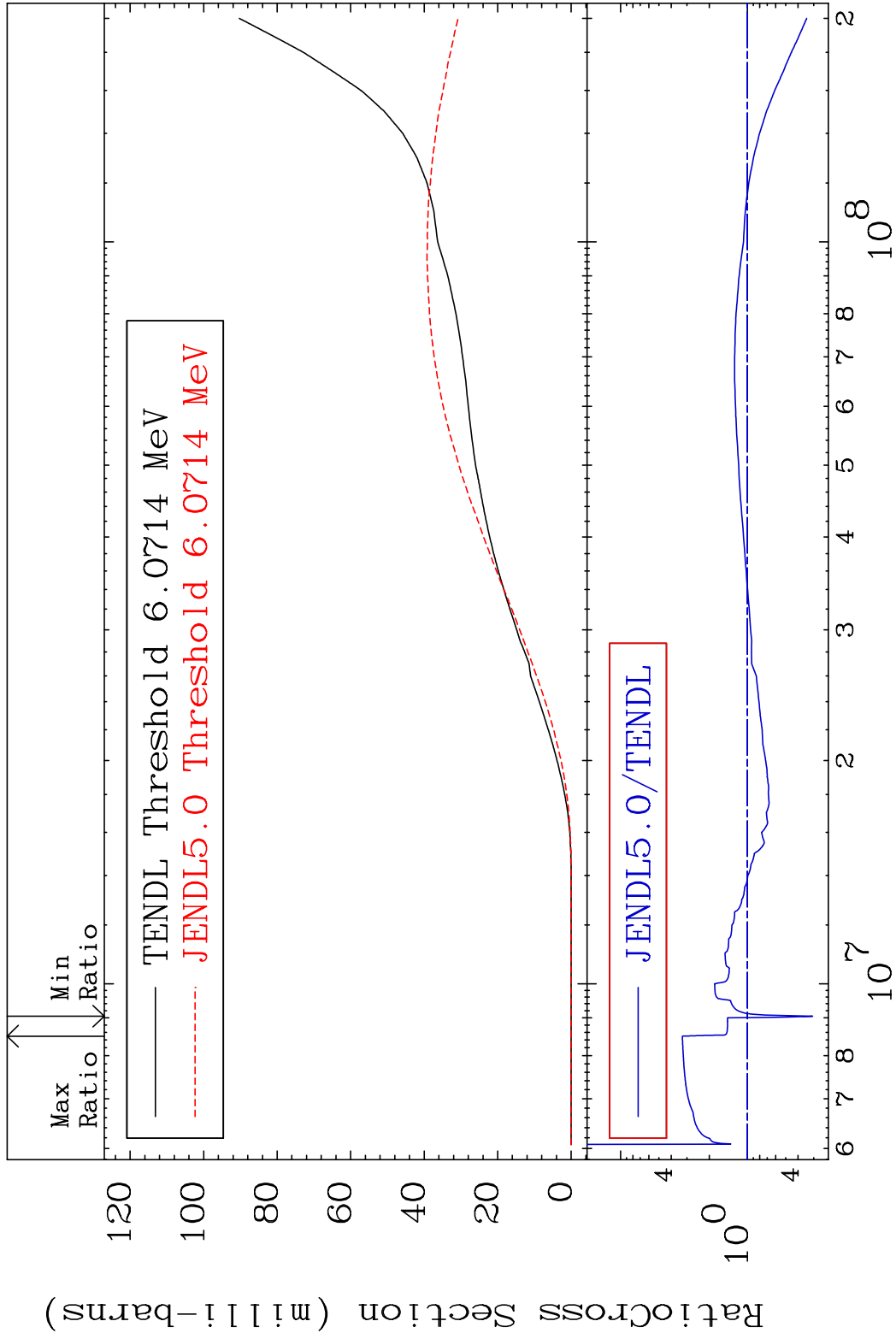


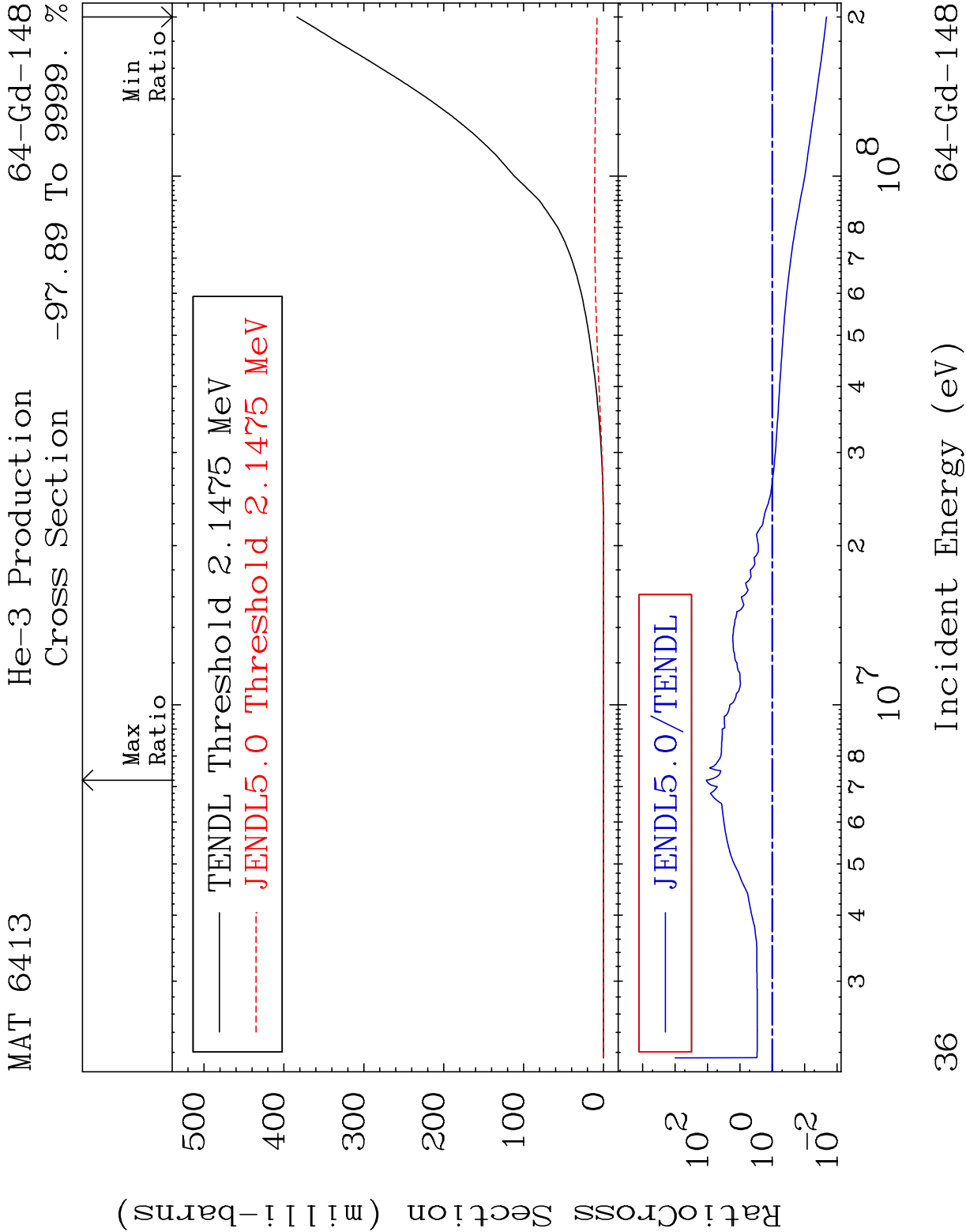


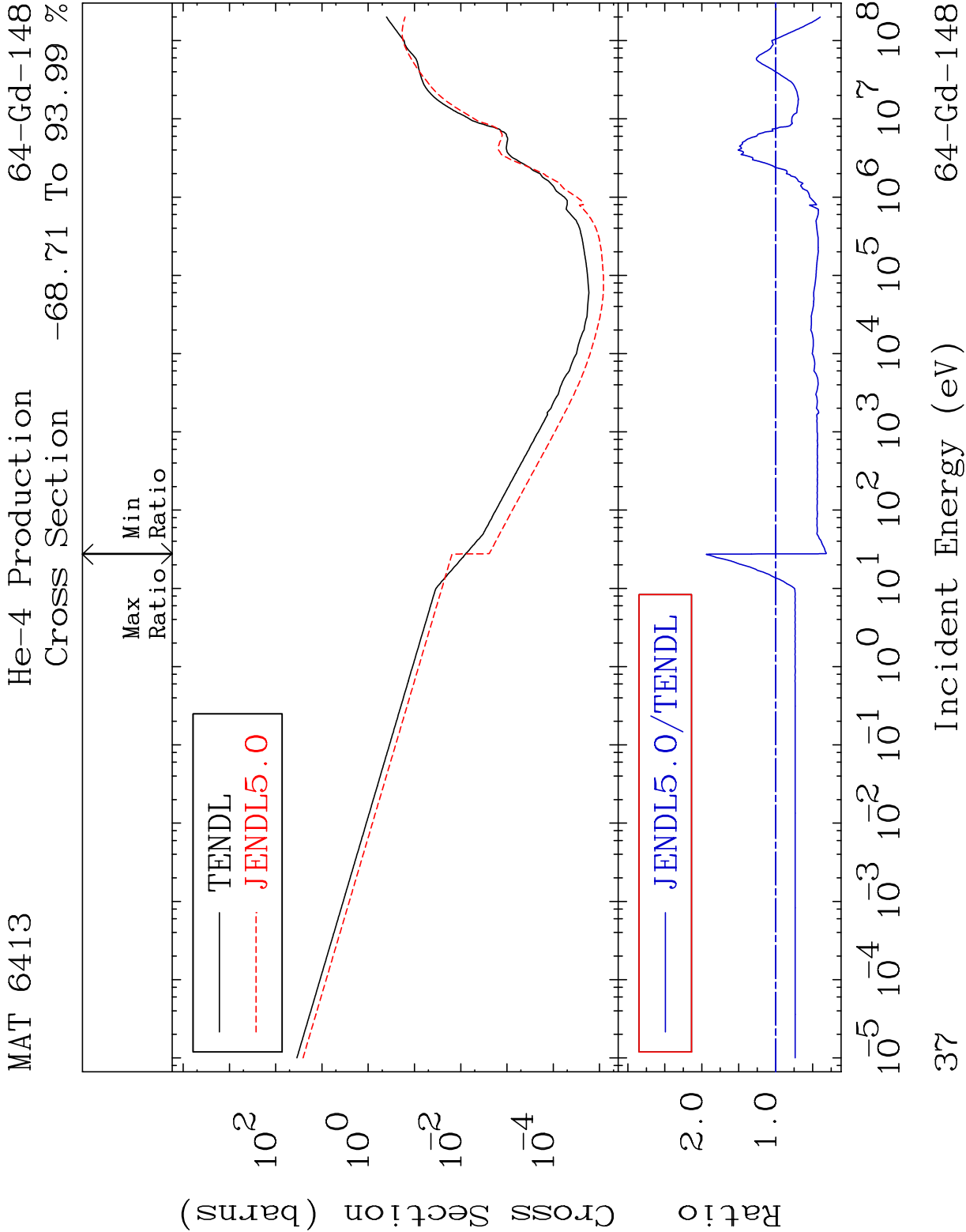
MAT 6413 Deuterium Production 64-Gd-148
Cross Section -100.0 To 9999. %



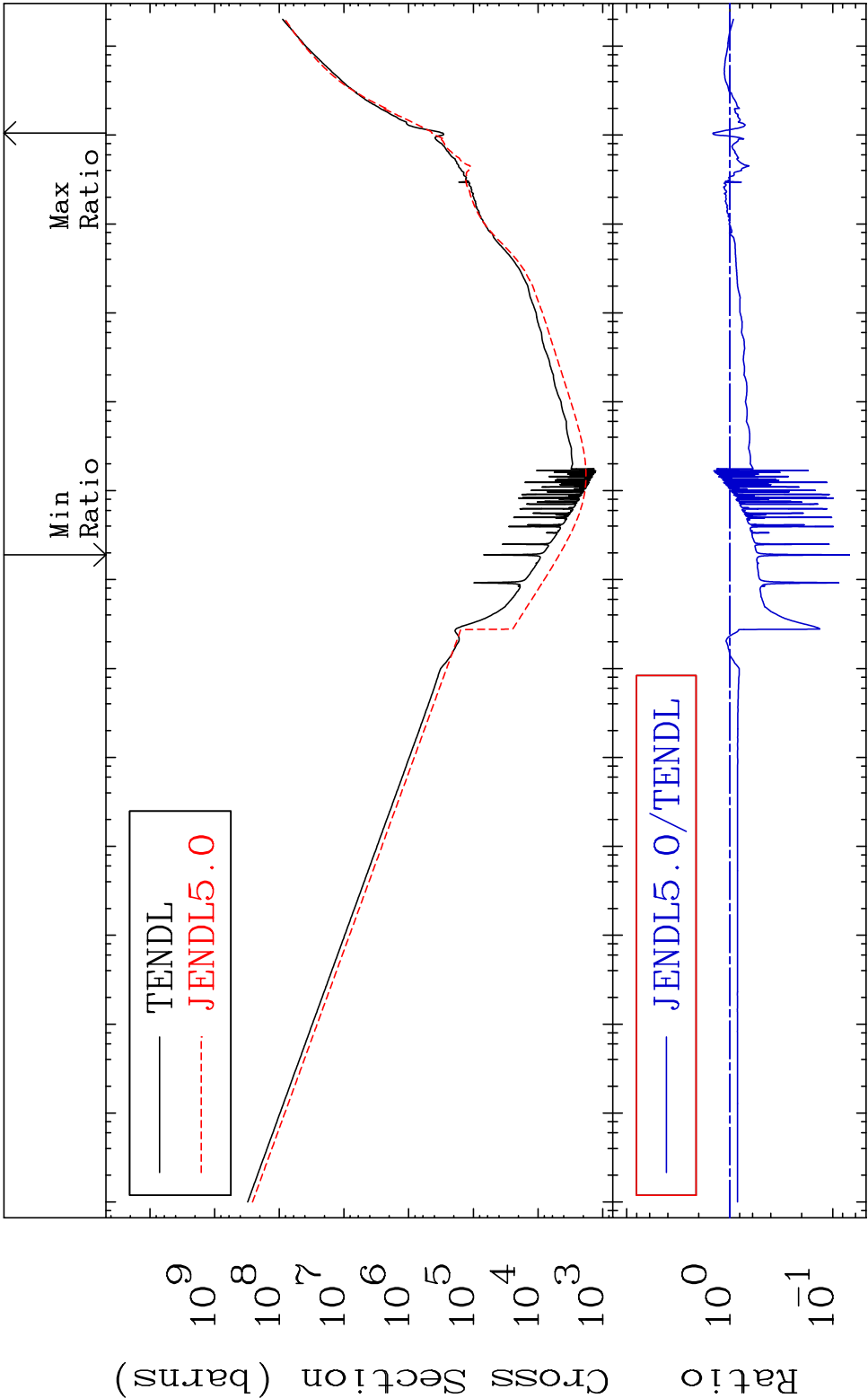
34 Incident Energy (eV) 64-Gd-148

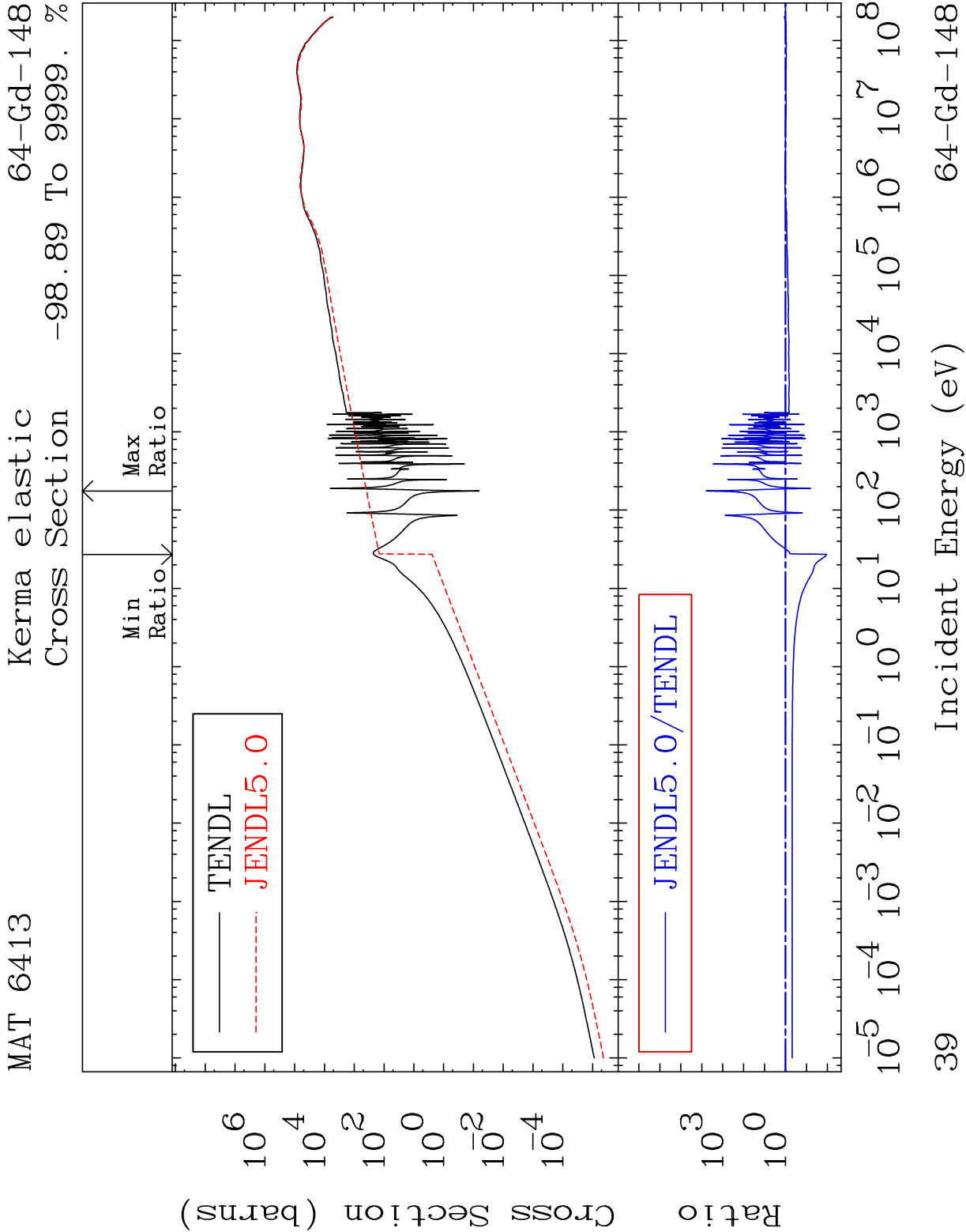




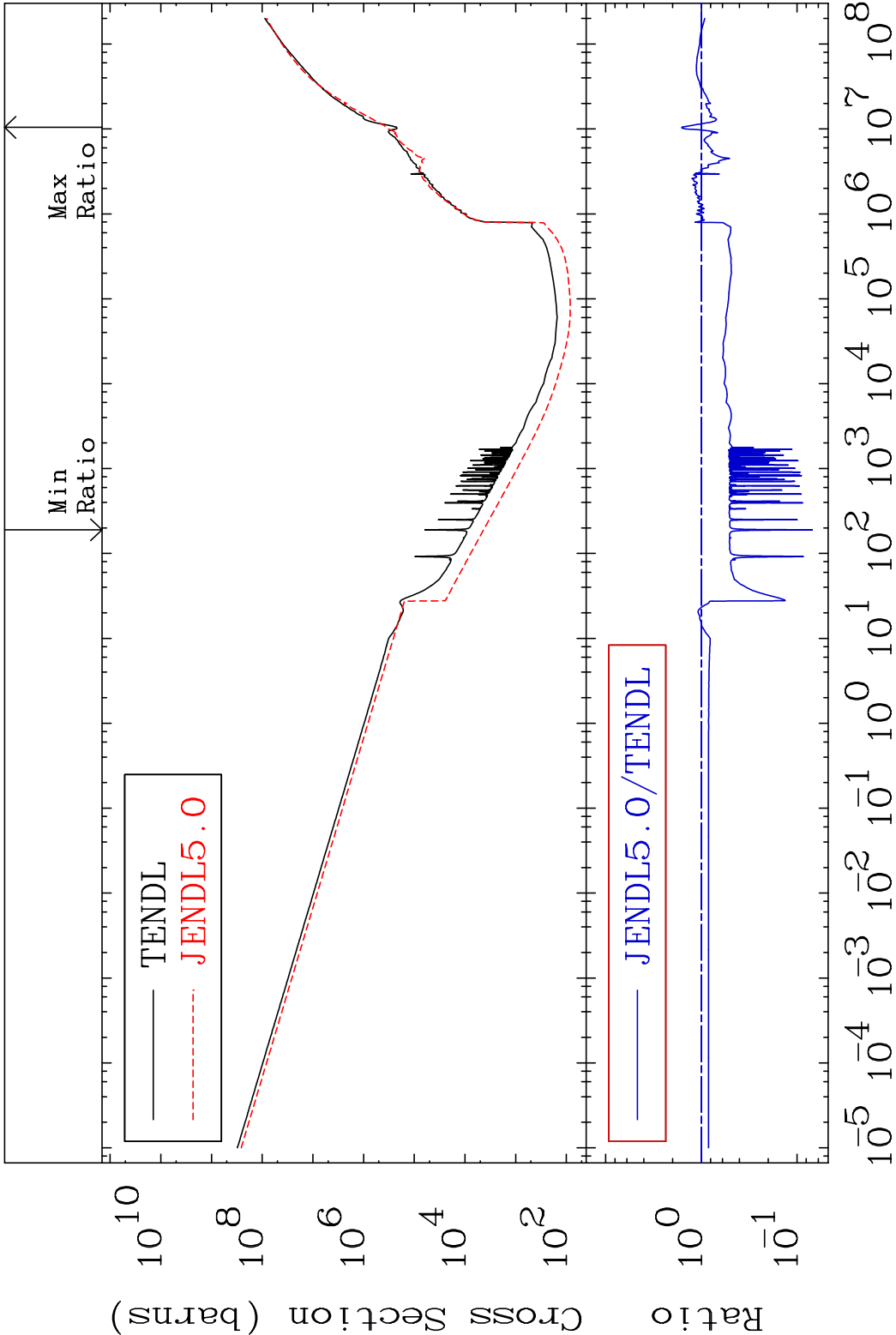


MAT 6413 Kerma total (eV-barns) 64-Gd-148
 Cross Section -93.13 To 46.00 %

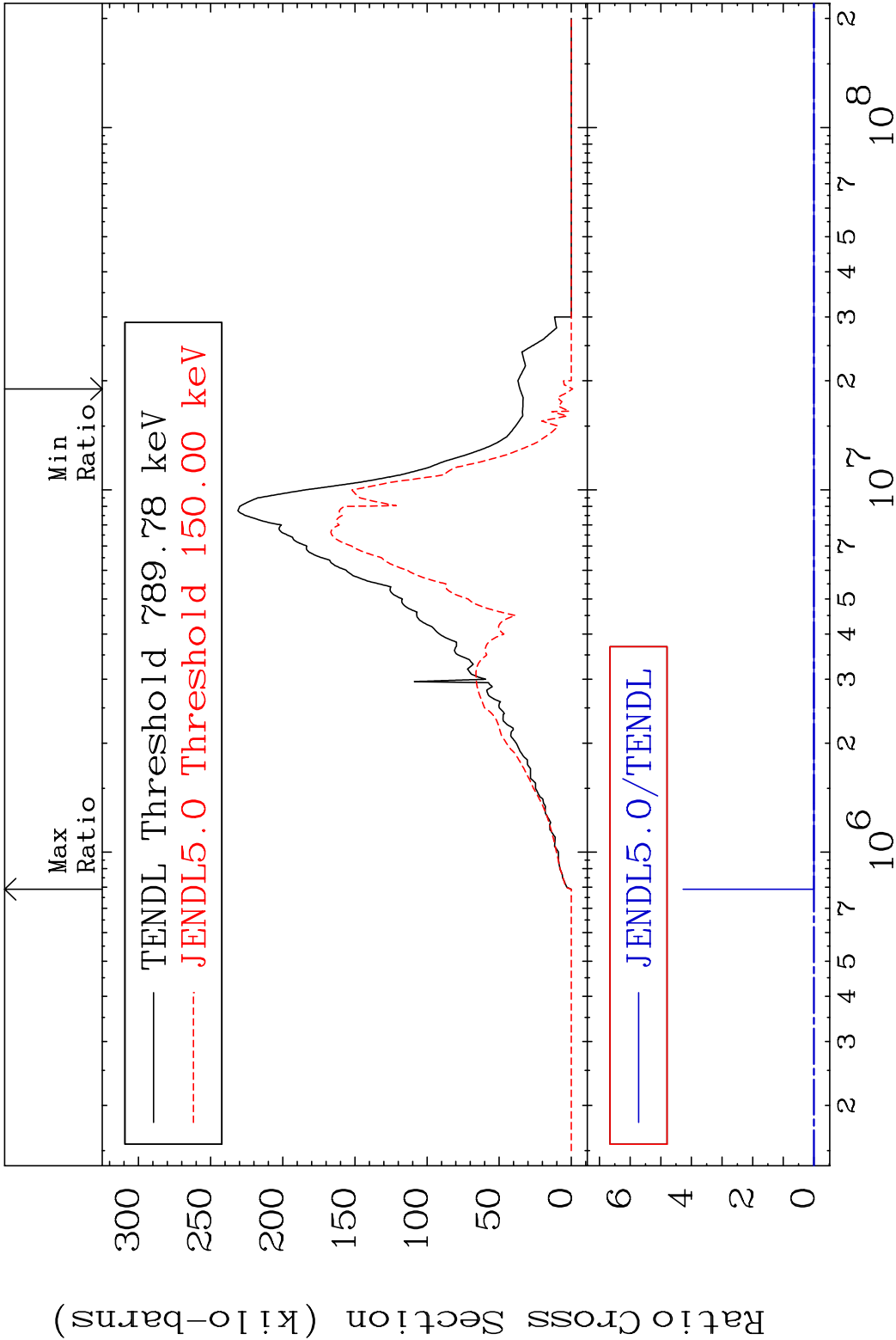




MAT 6413 Kerma non-elastic (all but mt2) 64-Gd-148
Cross Section -93.08 To 60.38 %

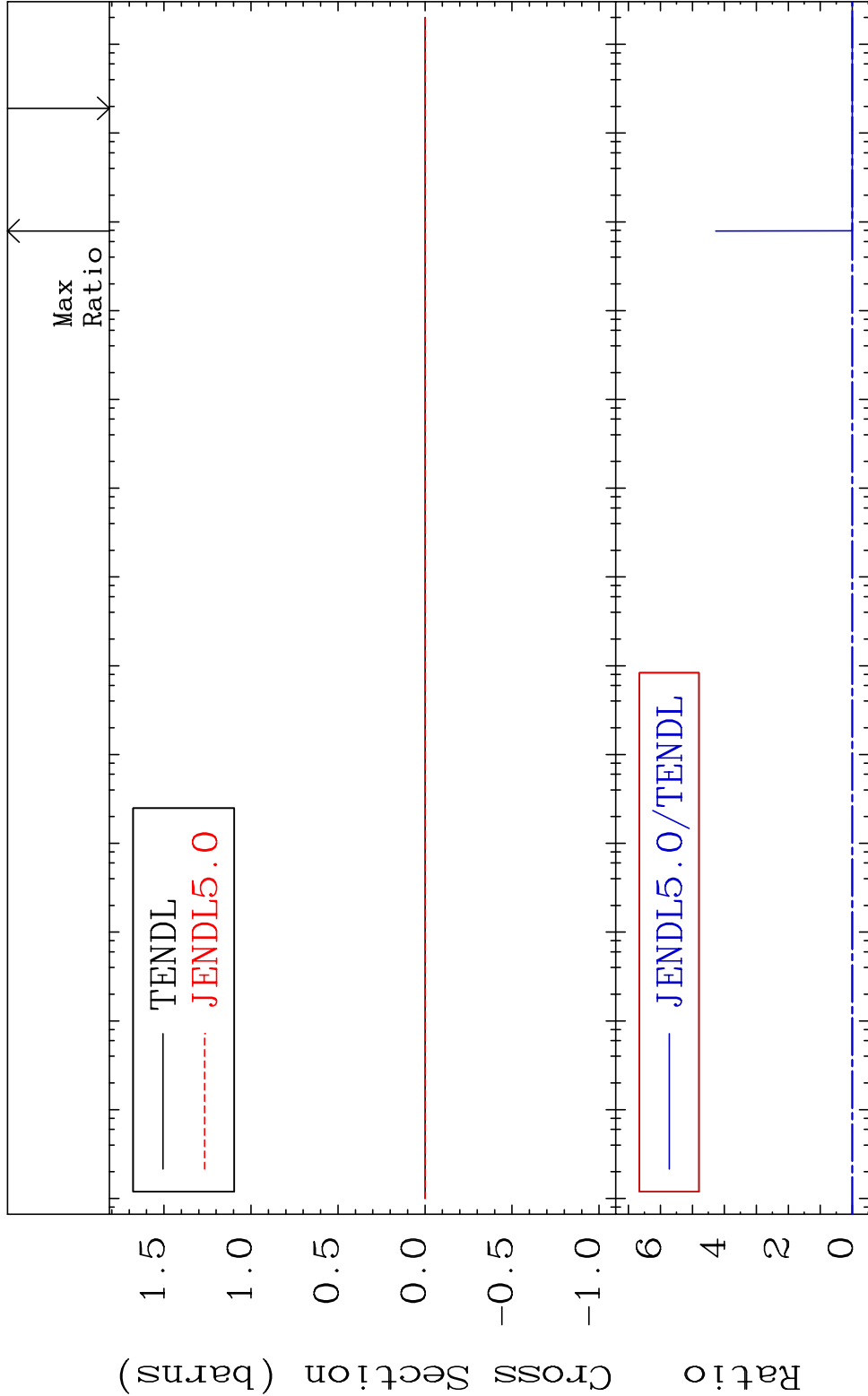


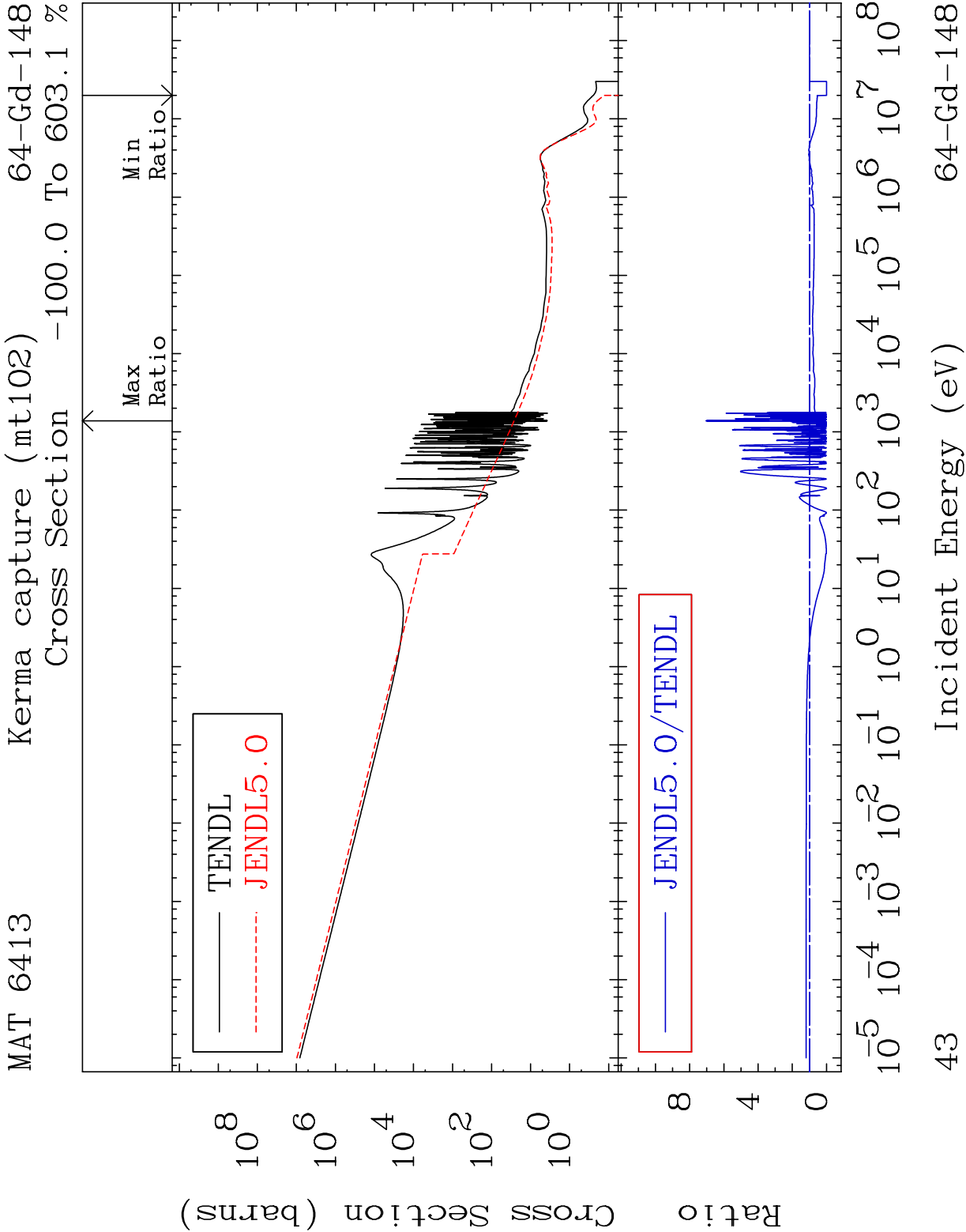
40 Incident Energy (eV) 64-Gd-148



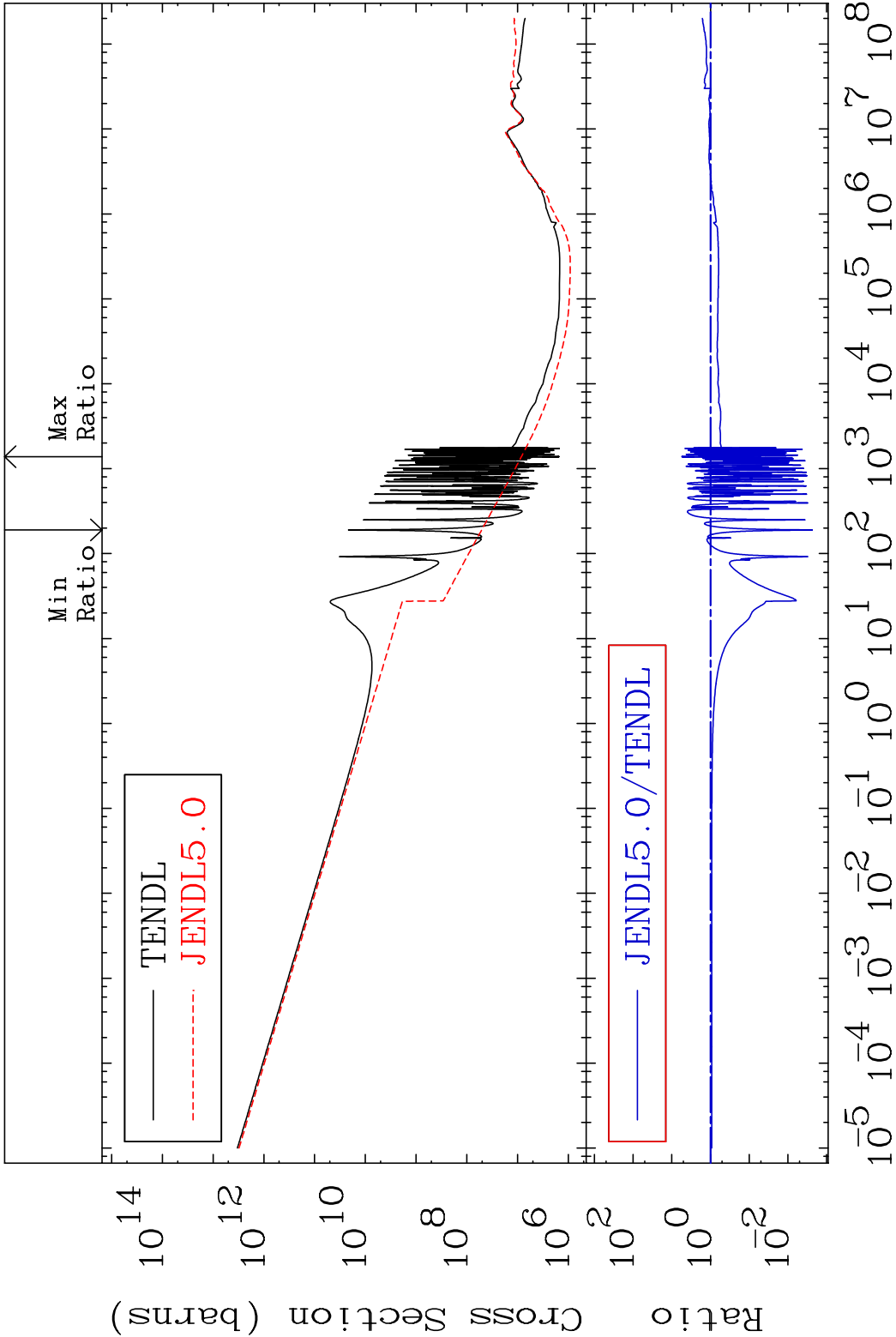
MAT 6413Kerma fission (mt18 or mt19-20-21-38)64-Gd-148

Cross Section -102.5 To 9999. %



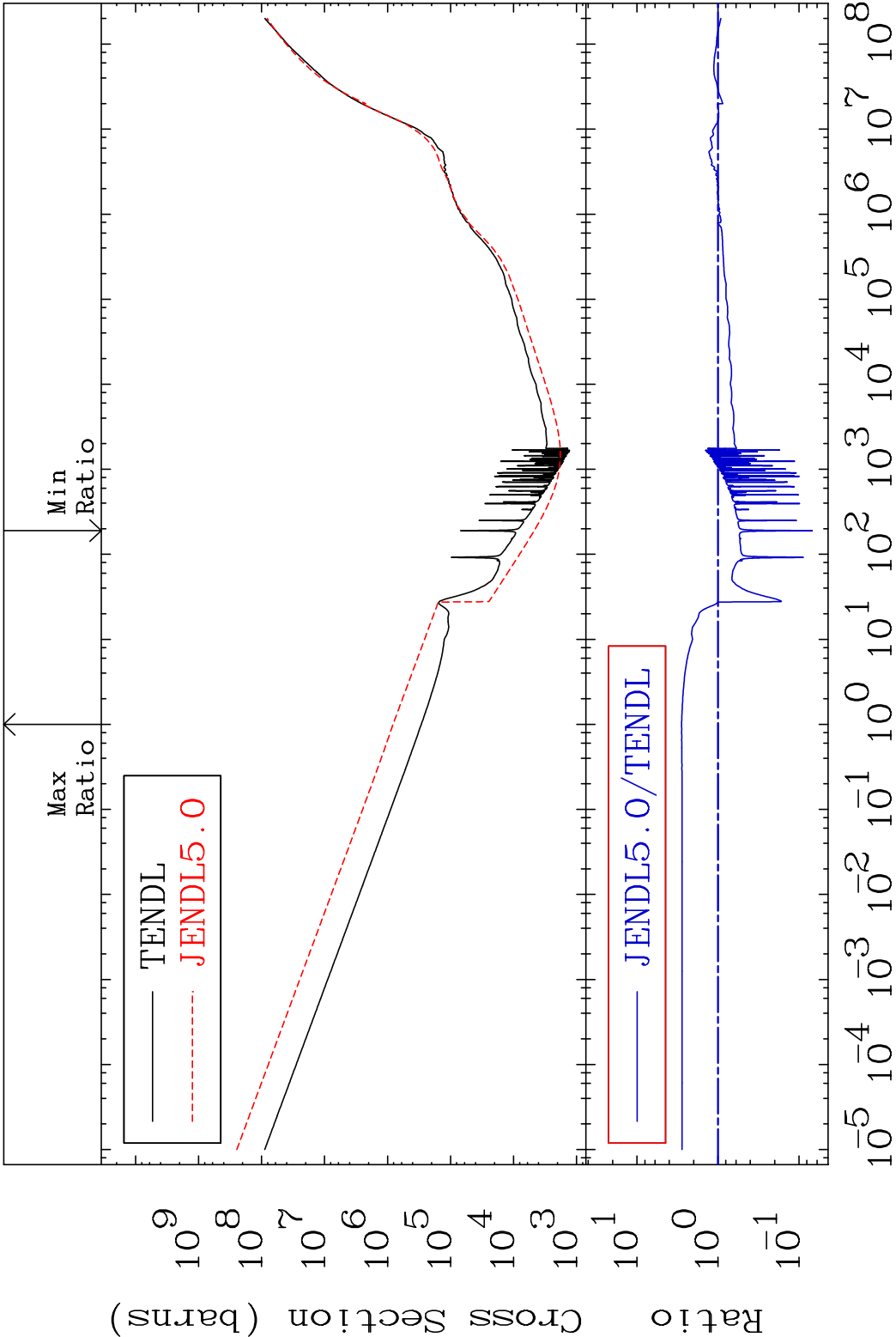


MAT 6413 Total photon (eV-barns) 64-Gd-148
Cross Section -99.77 To 452.3 %

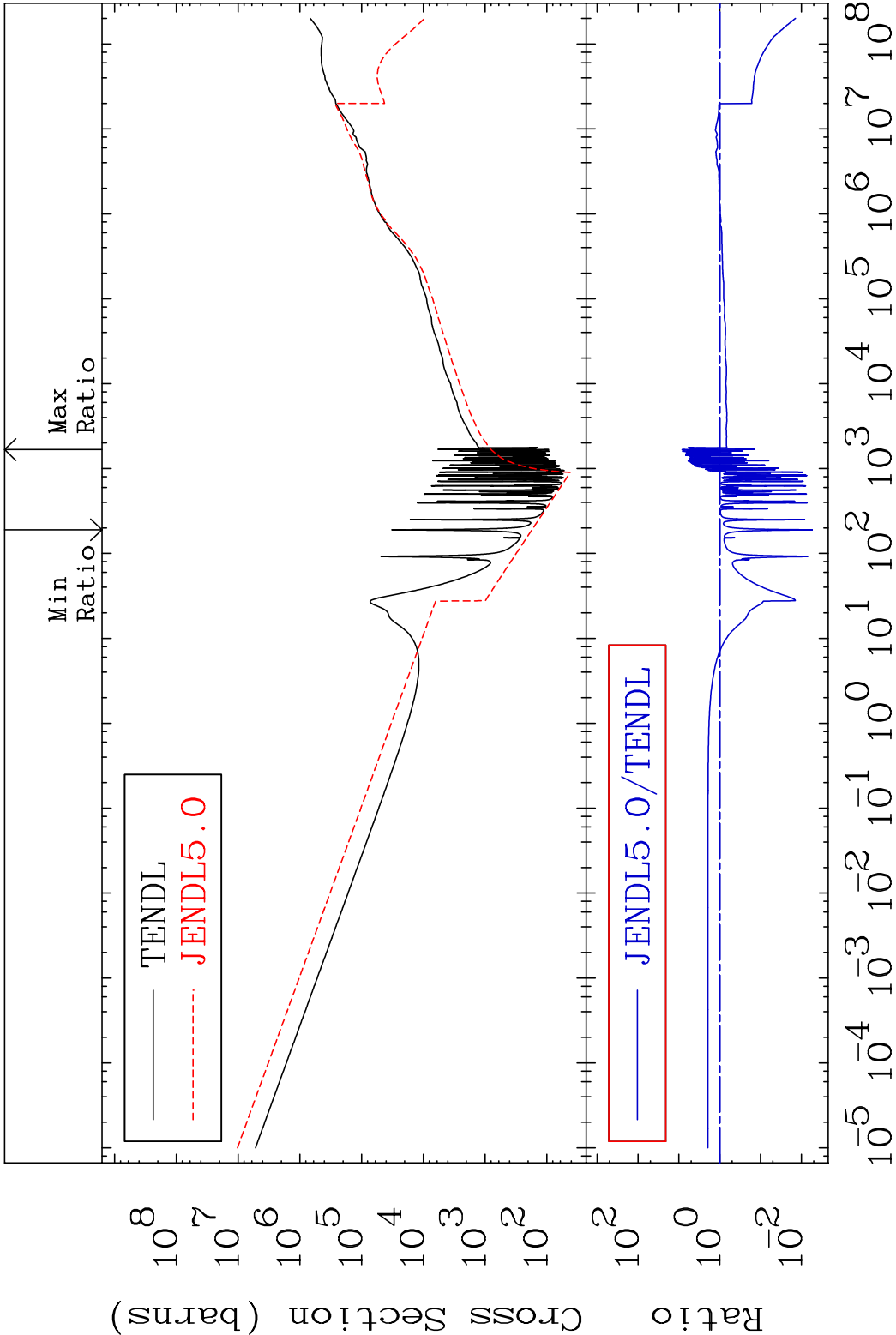


44 Incident Energy (eV) 64-Gd-148

MAT 6413 Total kinematic kerma (high limit) 64-Gd-148
Cross Section -93.13 To 181.9 %

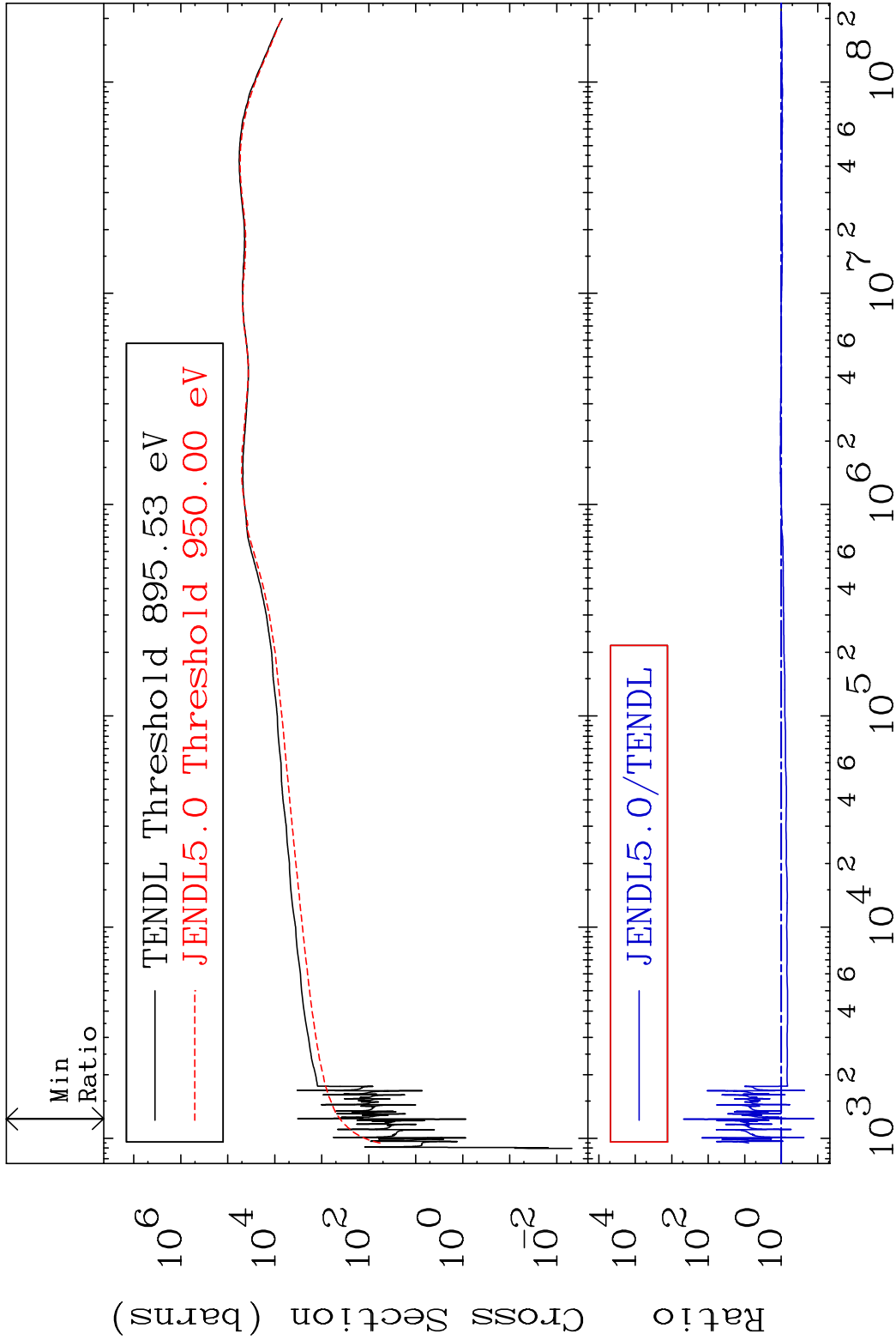


MAT 6413	Dpa total (eV-barns)	64-Gd-148
	Cross Section	-99.46 To 751.3 %



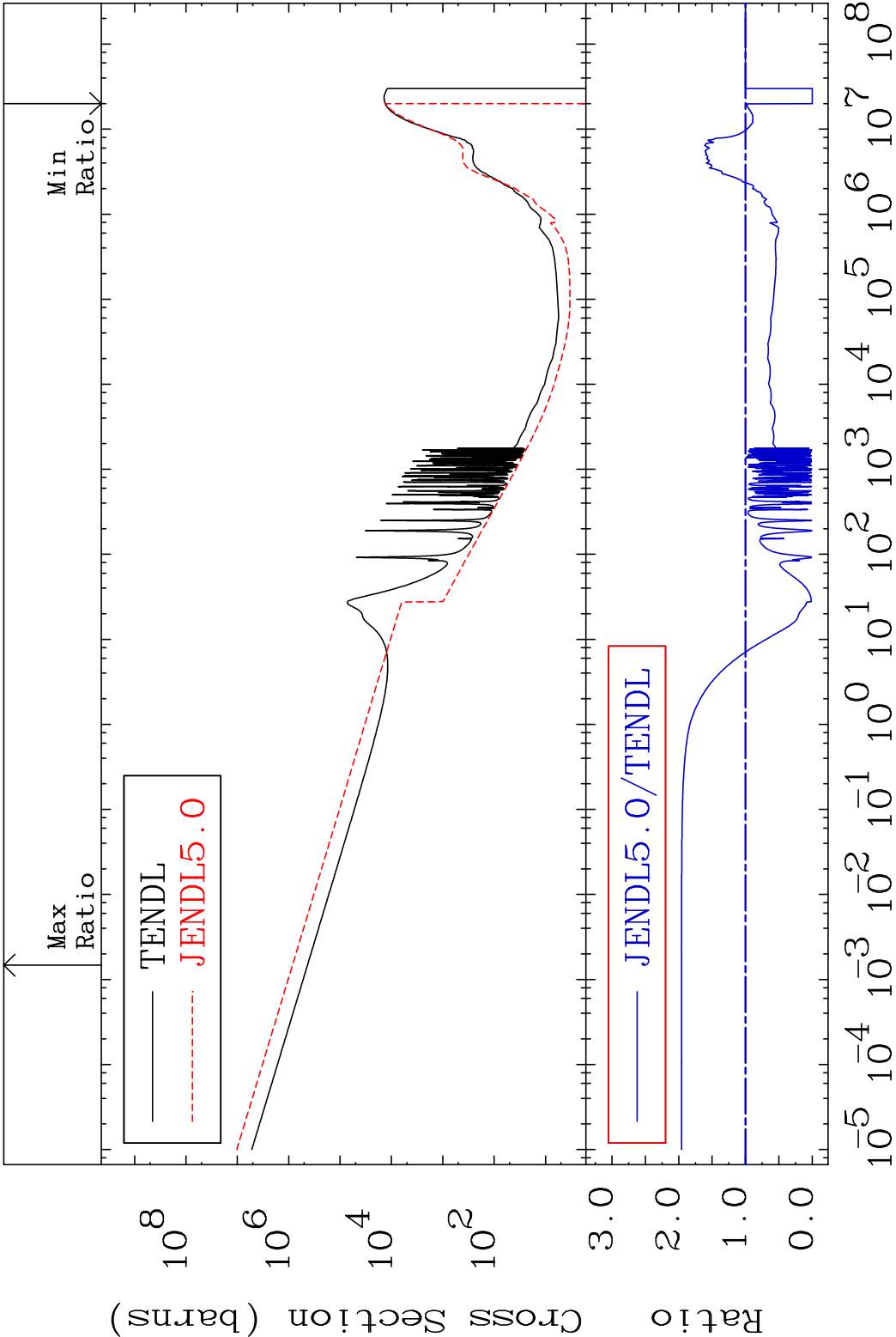
46	Incident Energy (eV)	64-Gd-148
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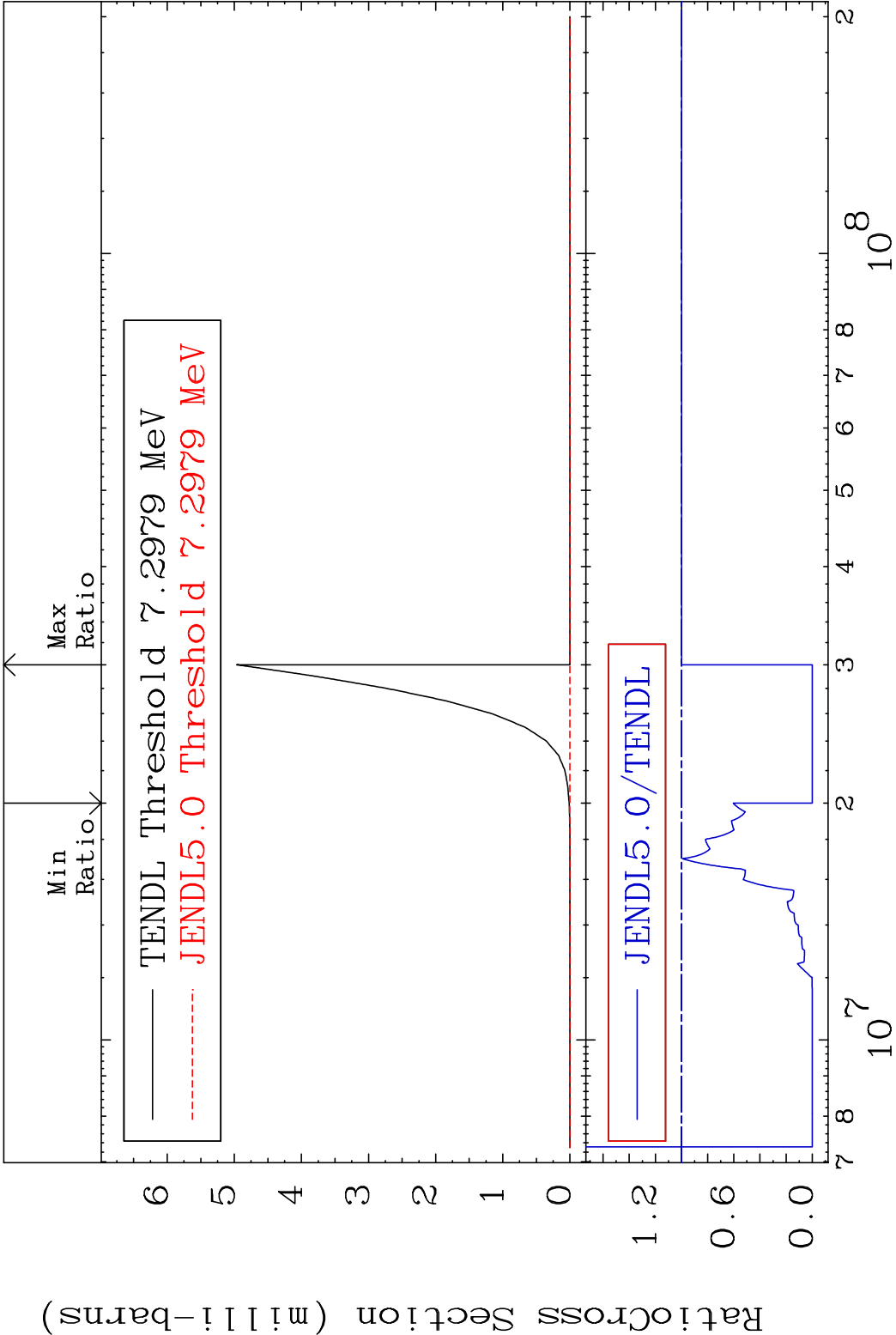
MAT 6413 Dpa elastic (mt2) 64-Gd-148
Cross Section -87.35 To 9999. %

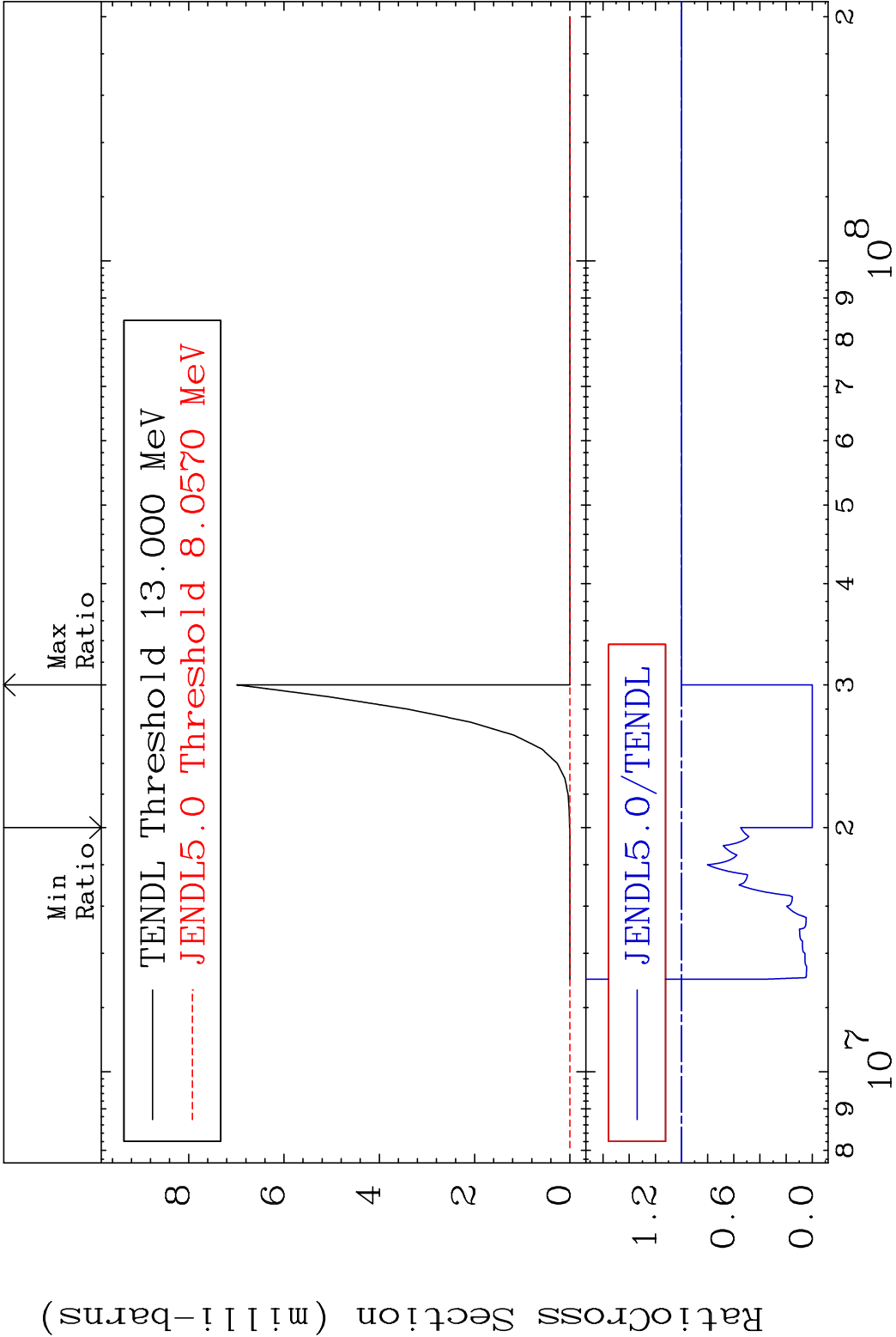


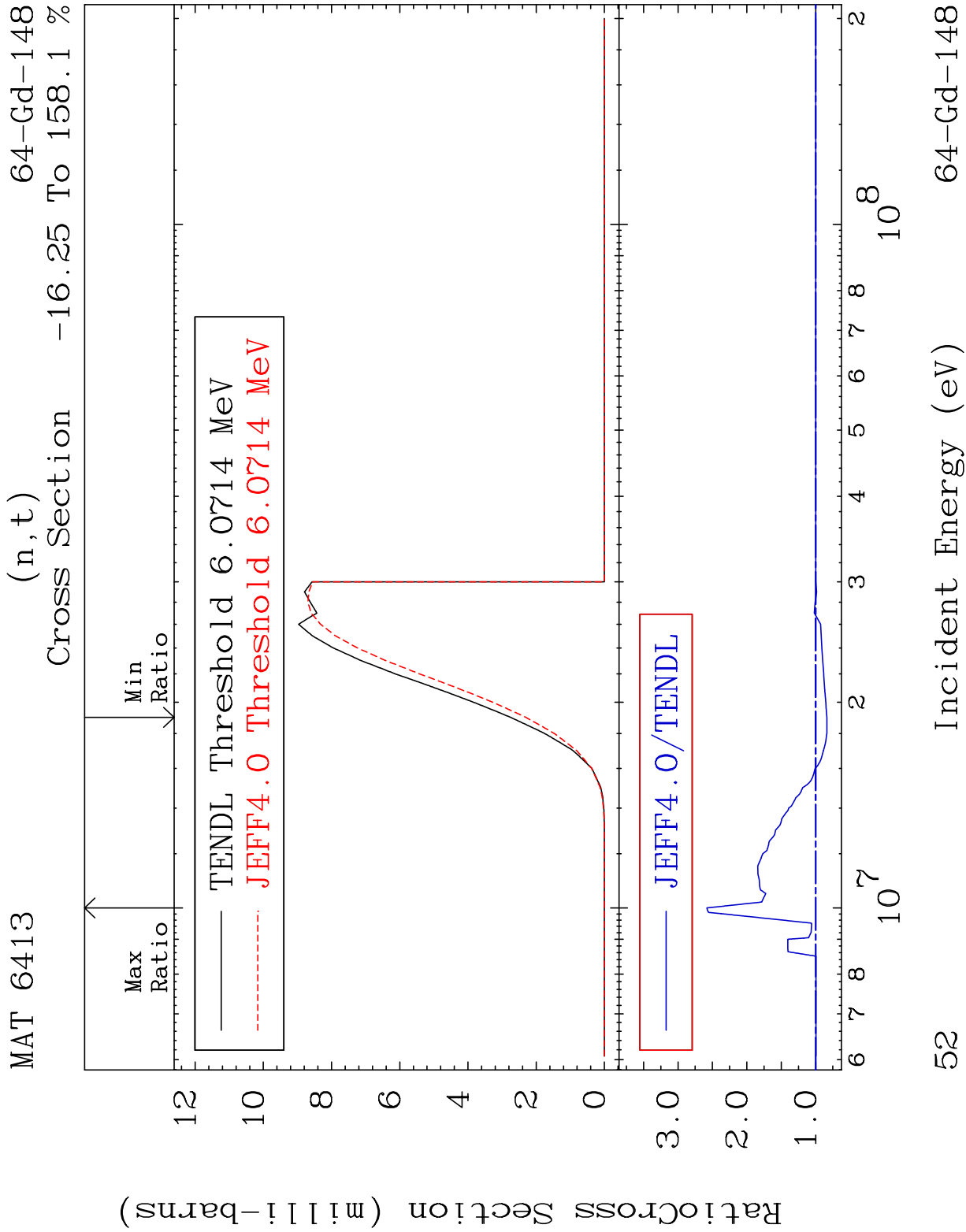
47 Incident Energy (eV) 64-Gd-148

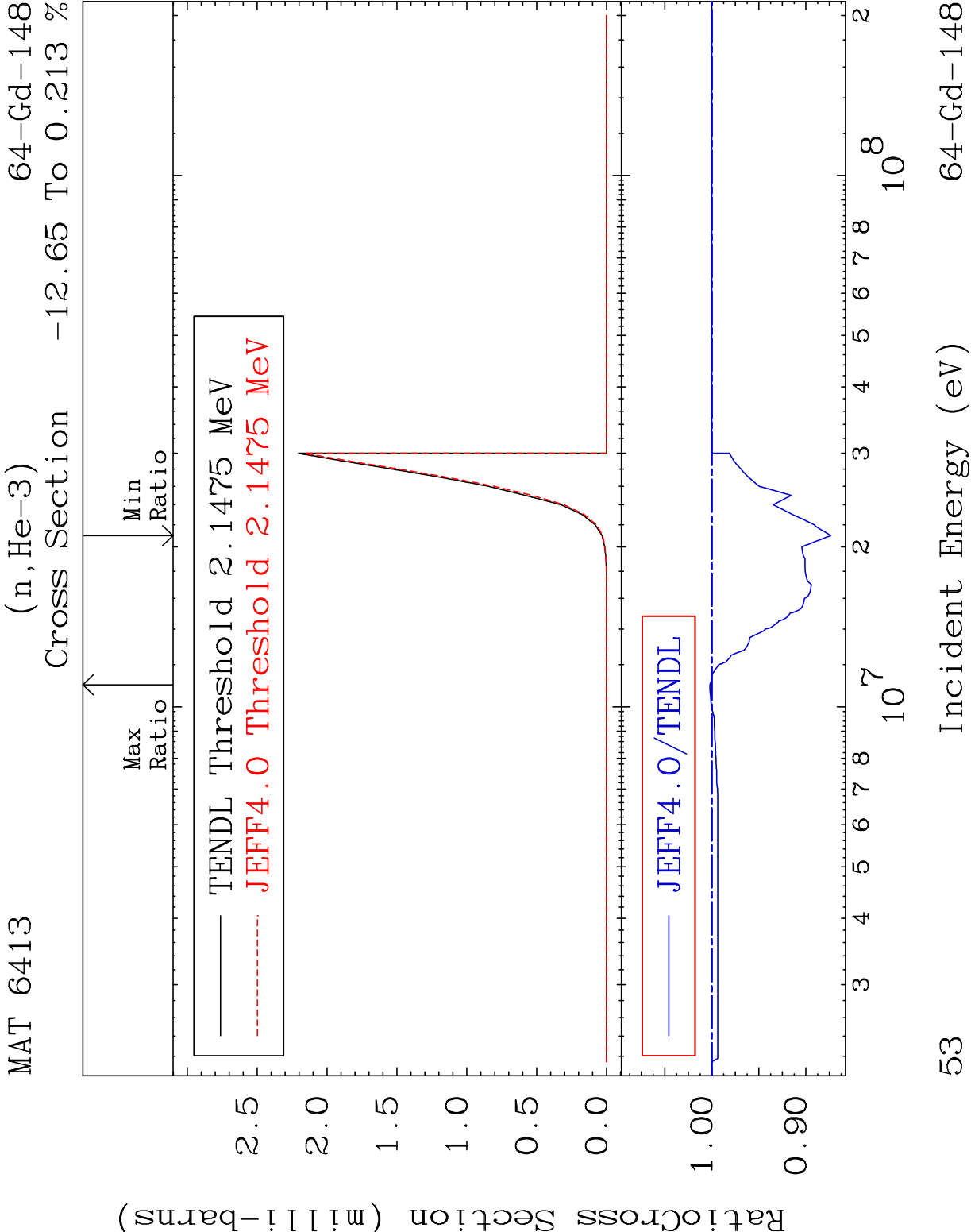
MAT 6413 Dpa disappearance (mt102 -120) 64-Gd-148
Cross Section -100.0 To 95.81 %

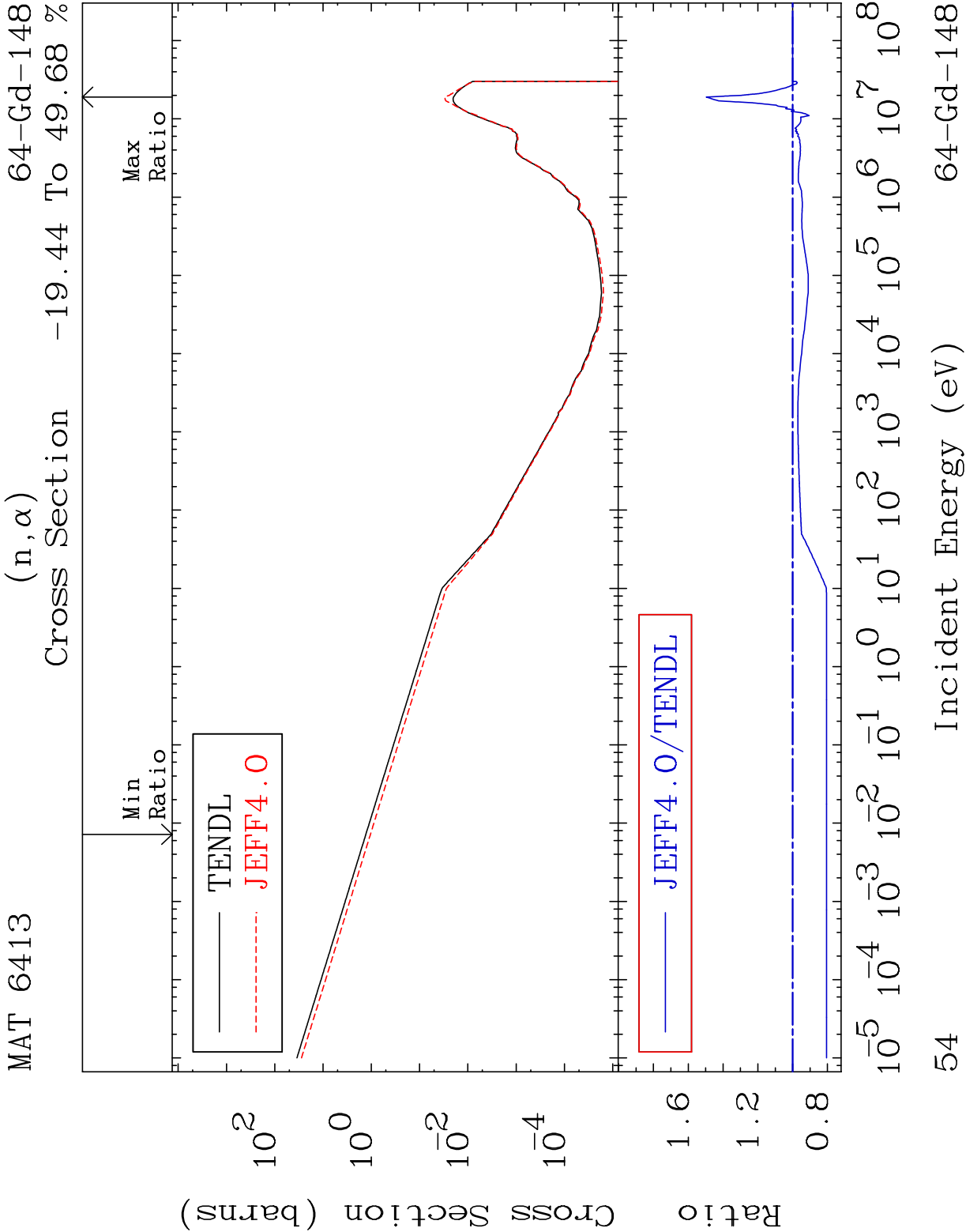


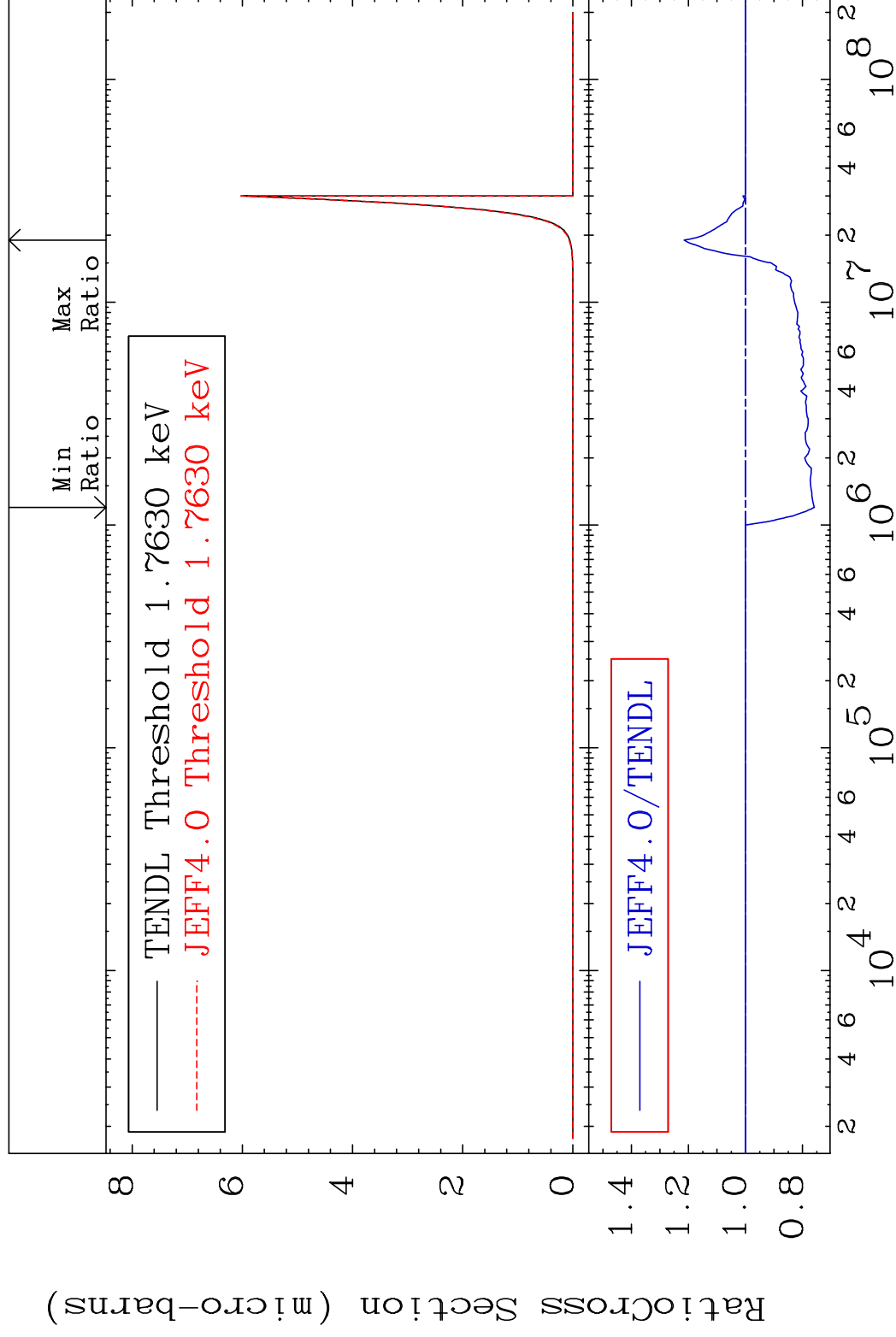


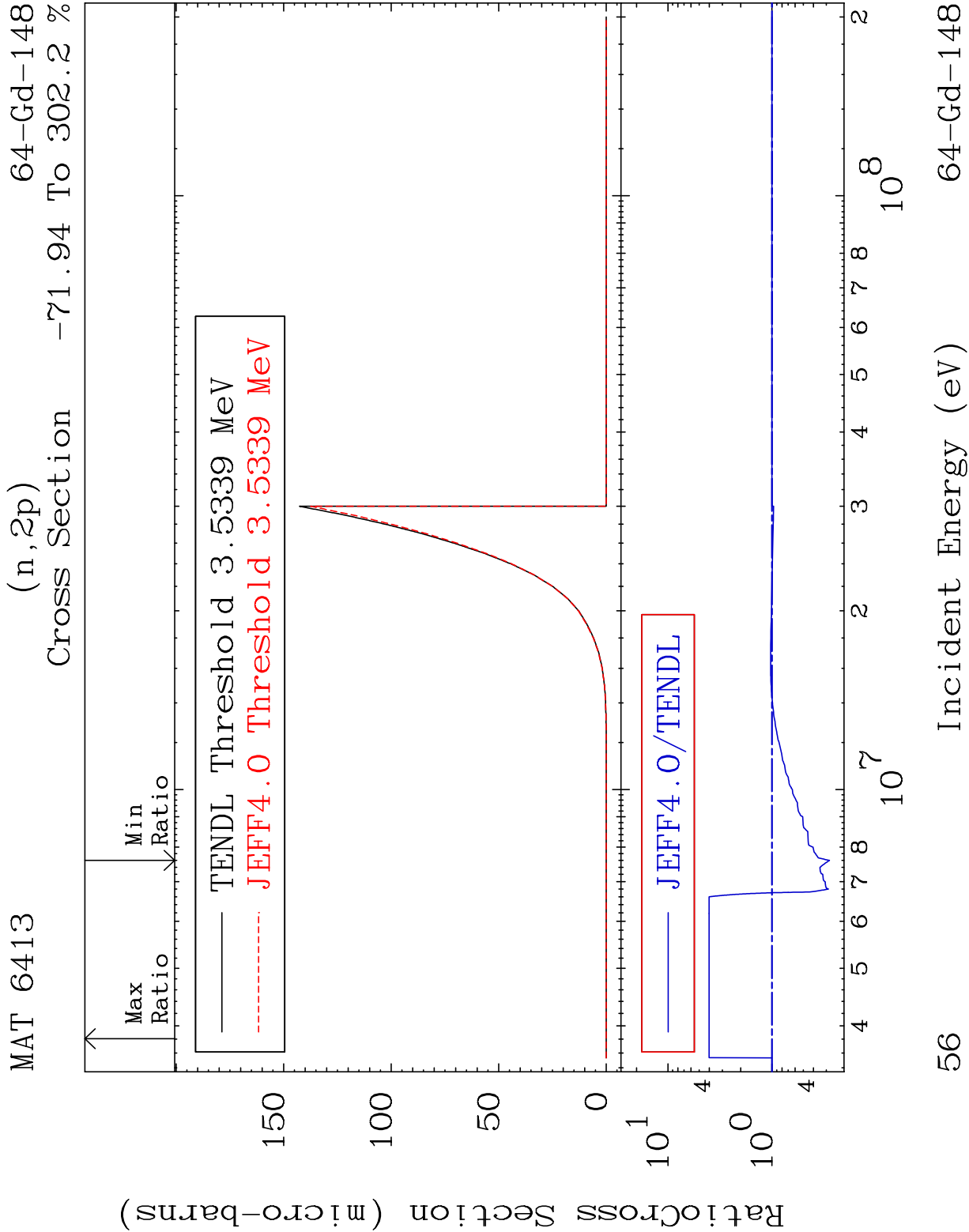










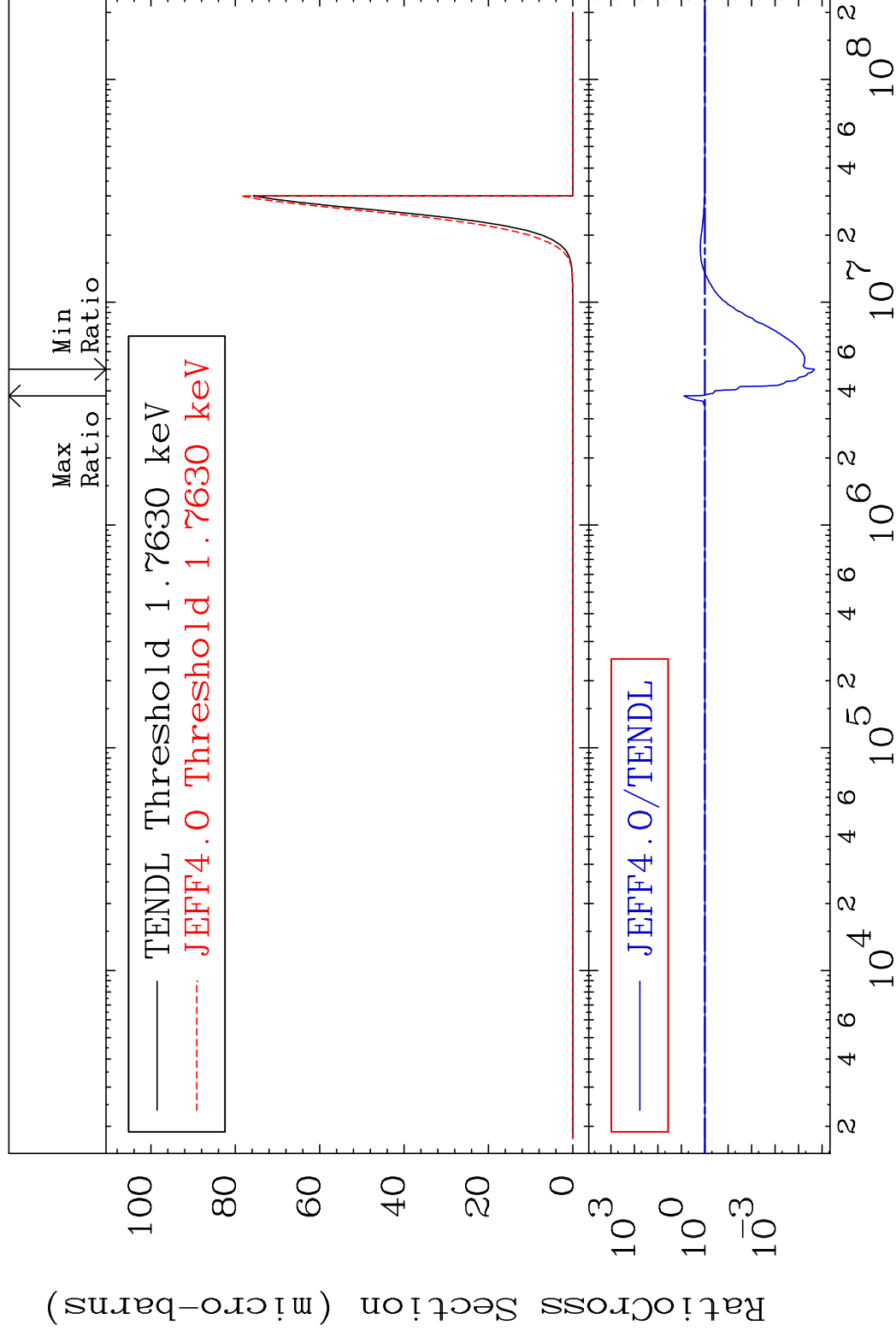


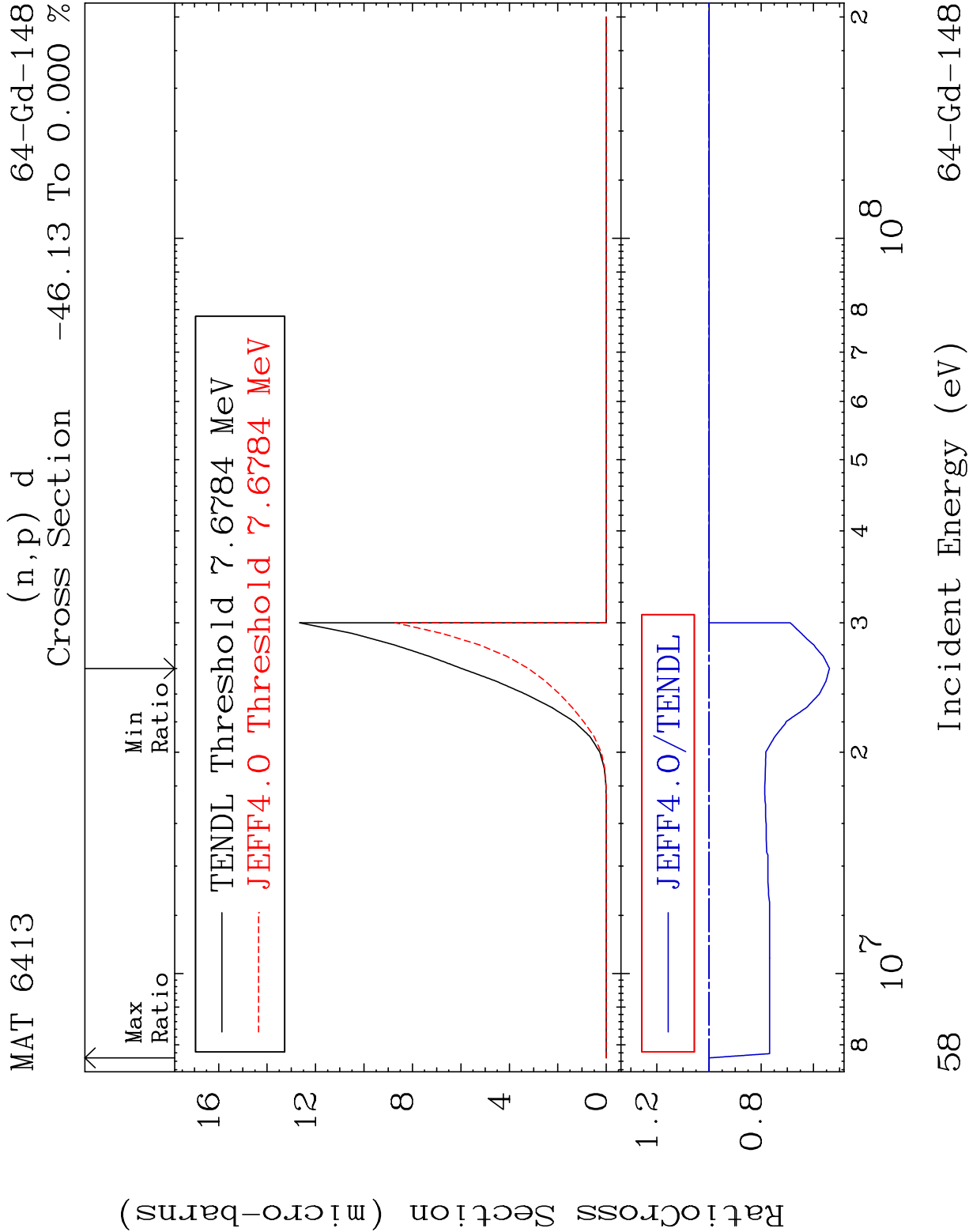
MAT 6413

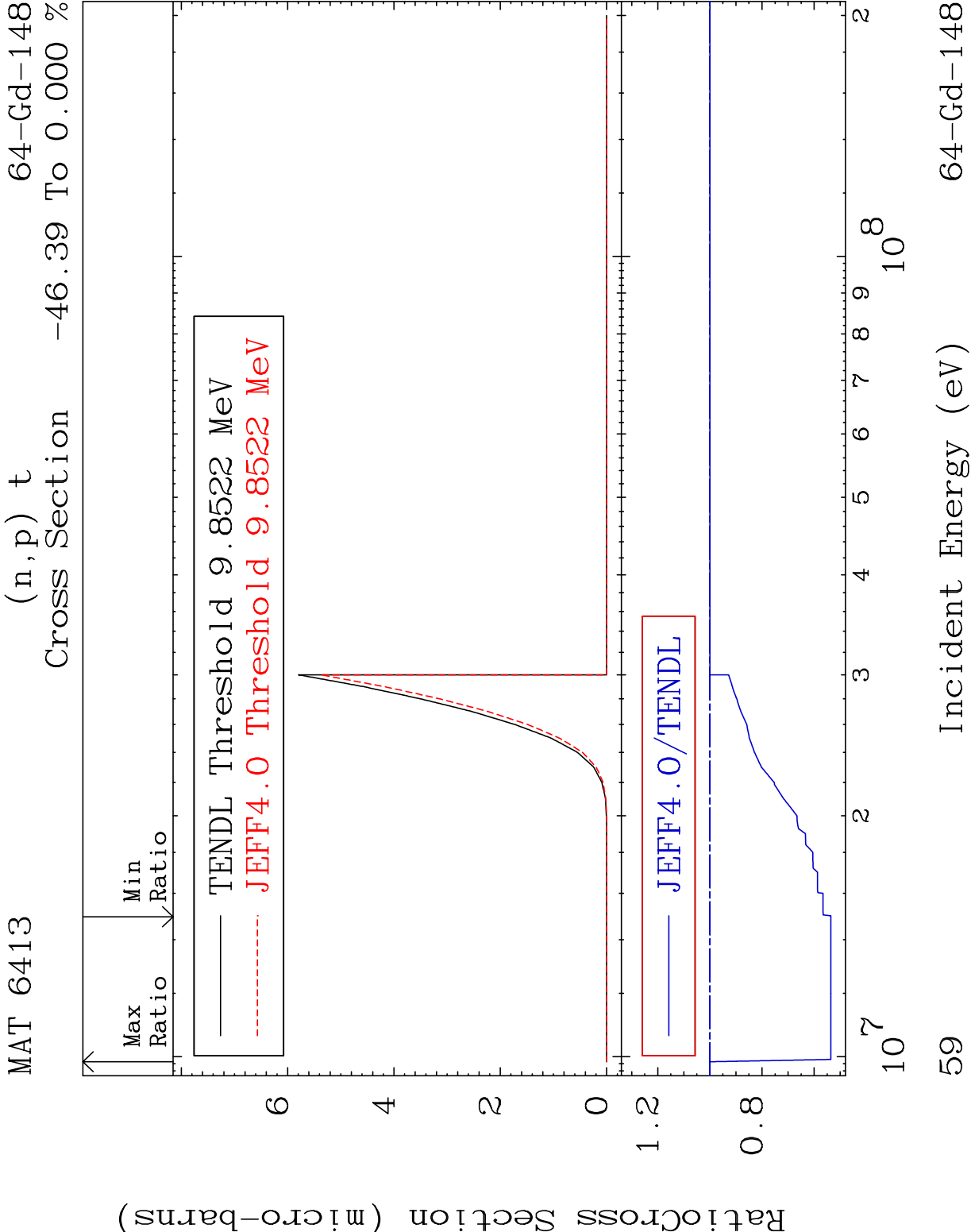
$$(n, p) \propto$$

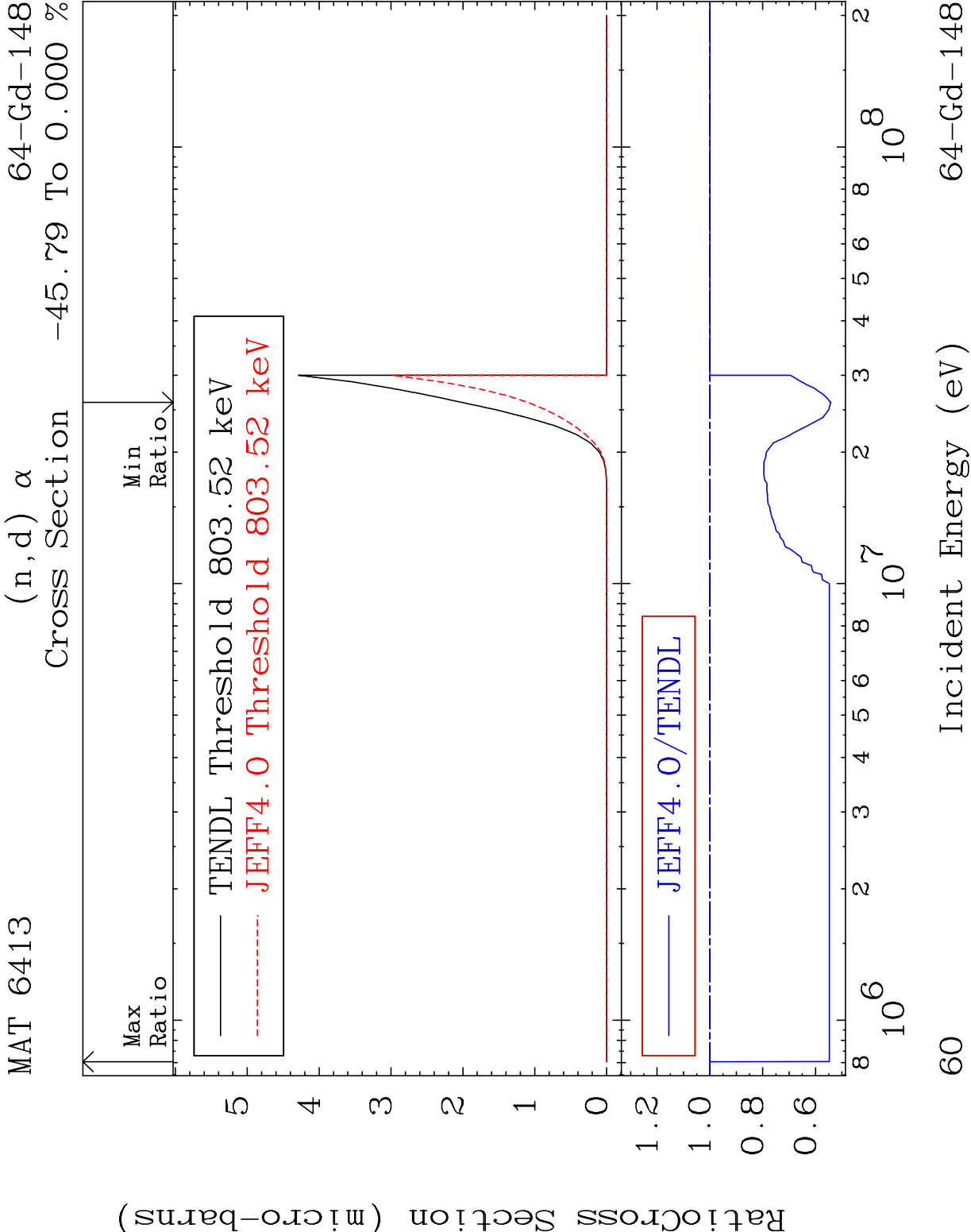
64-Gd-148

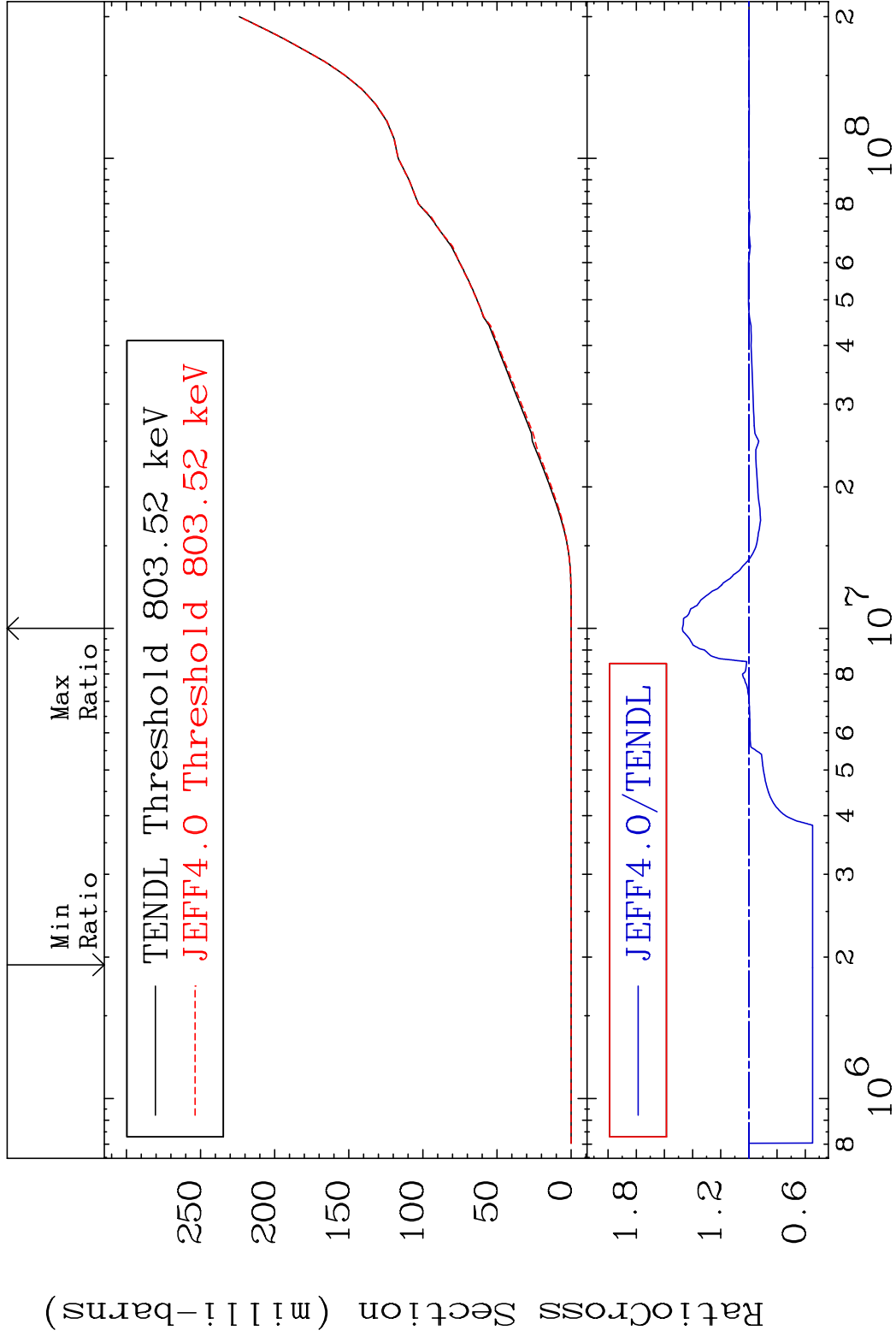
Cross Section



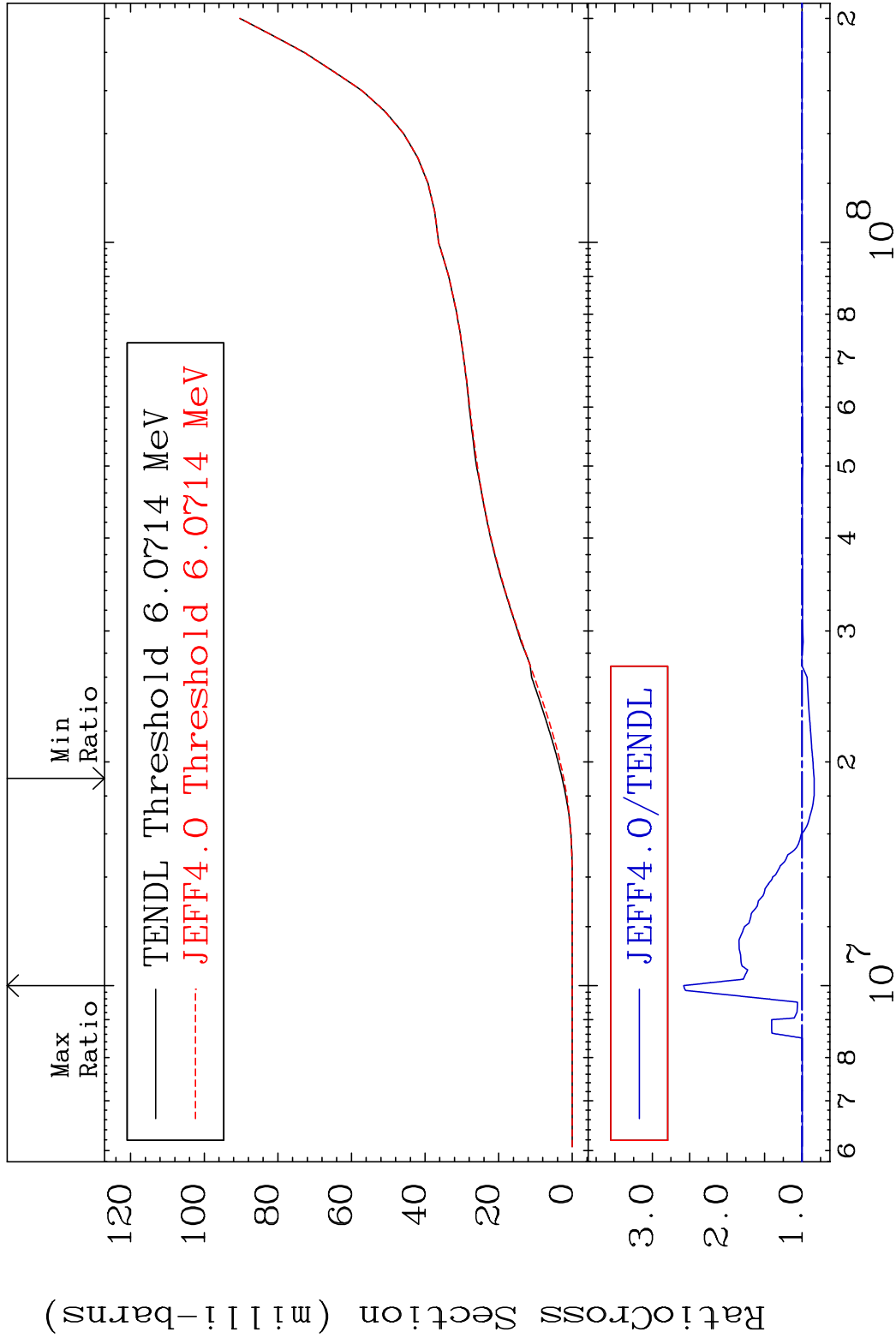




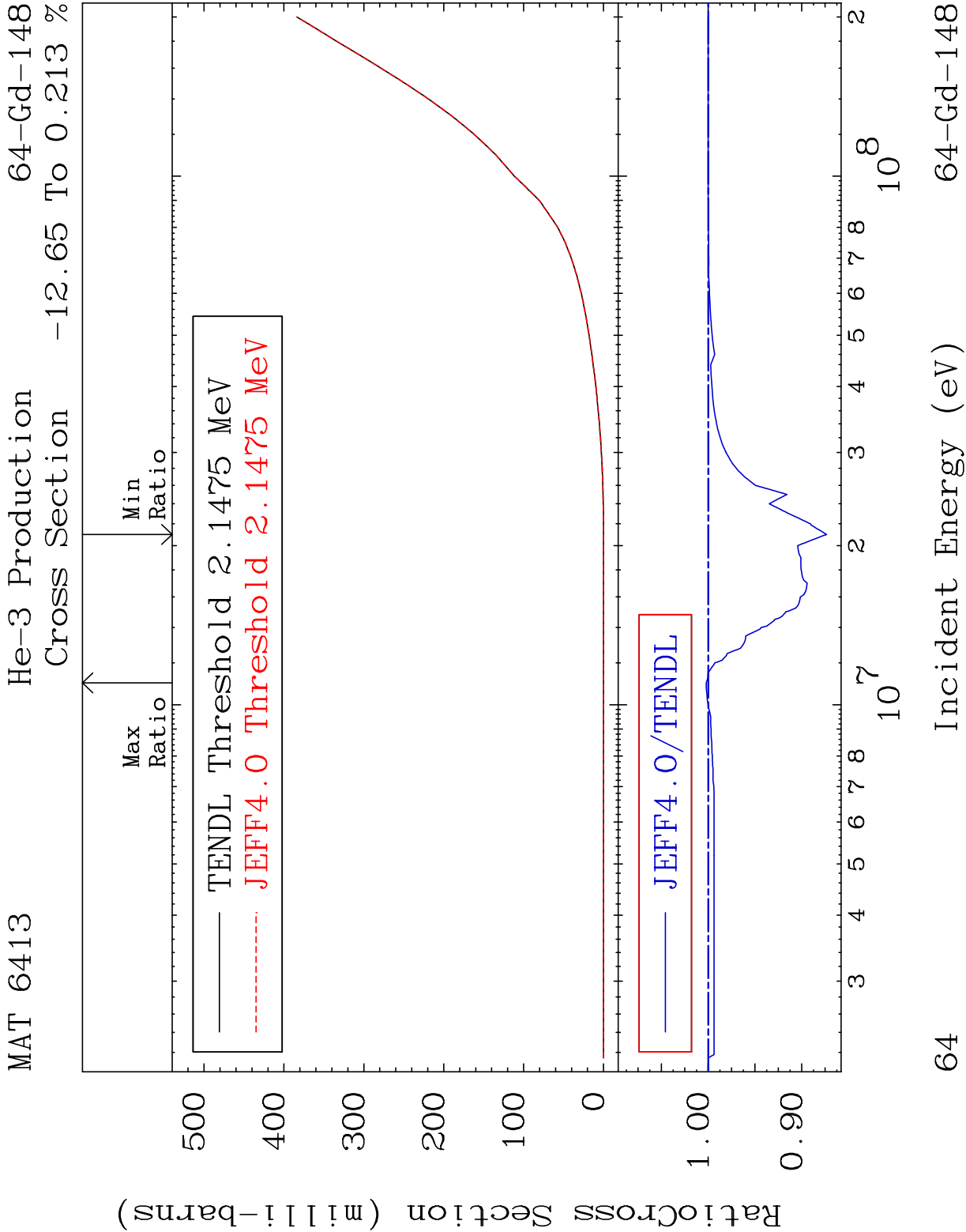


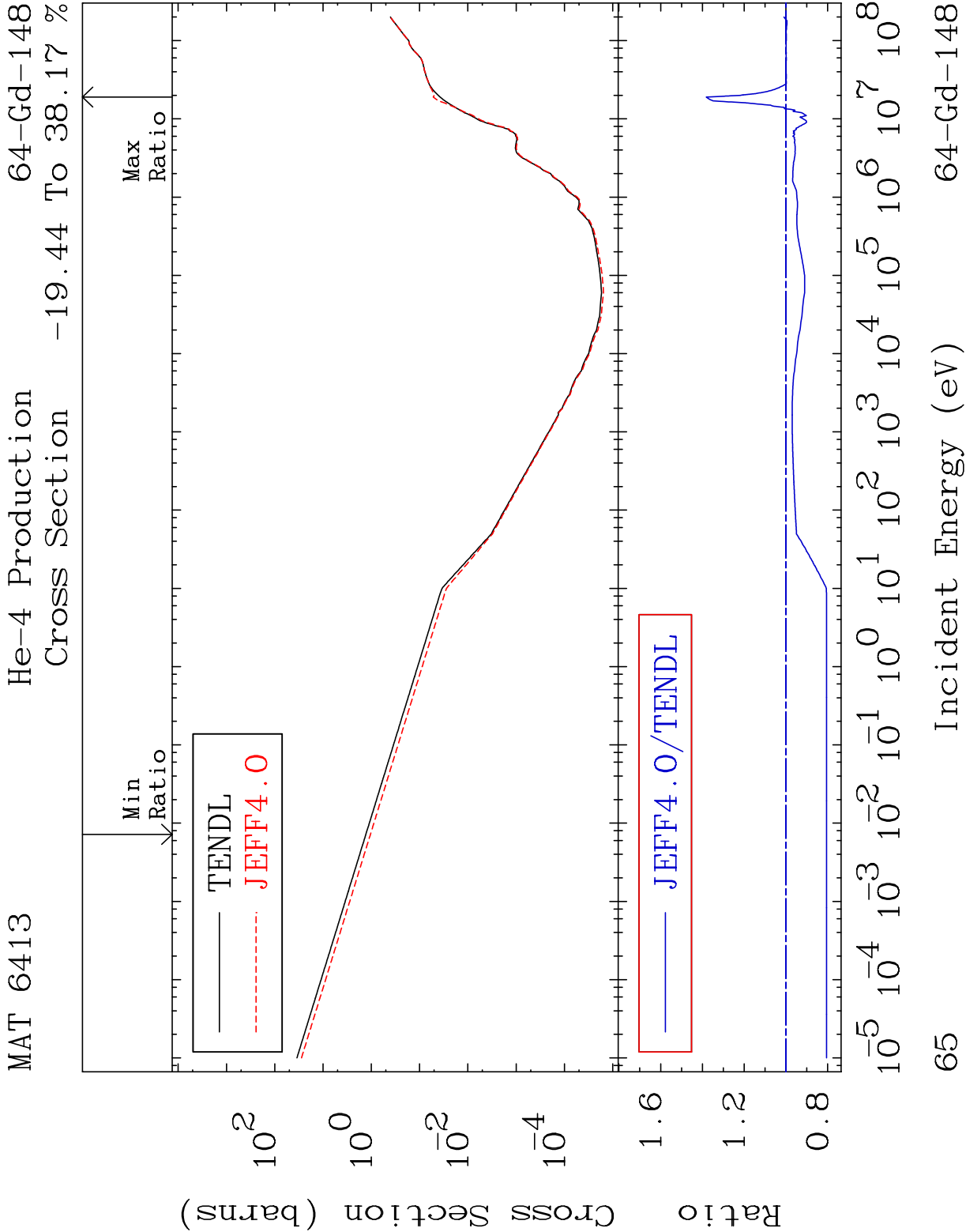


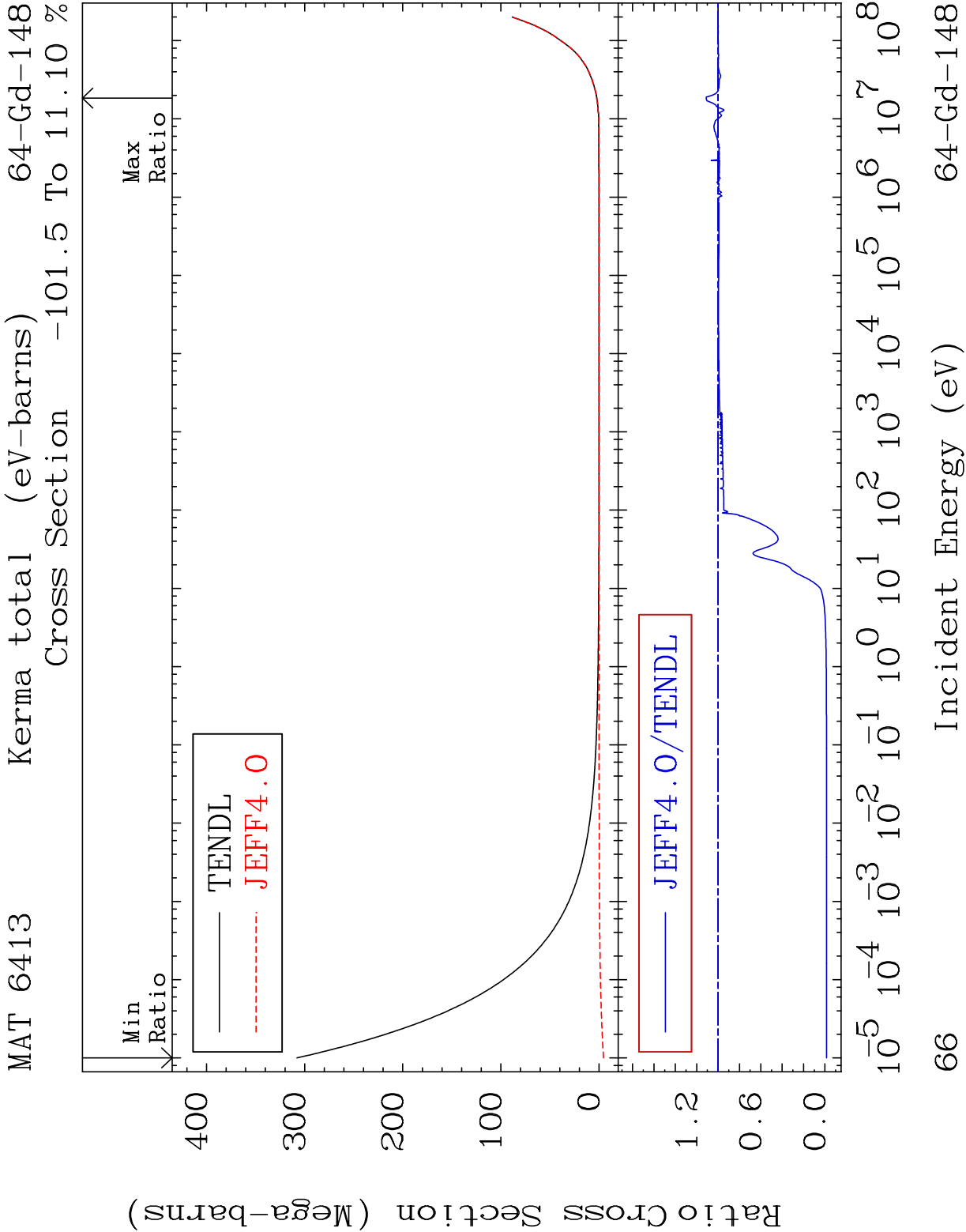
MAT 6413 Tritium Production 64-Gd-148
Cross Section -16.25 To 158.1 %

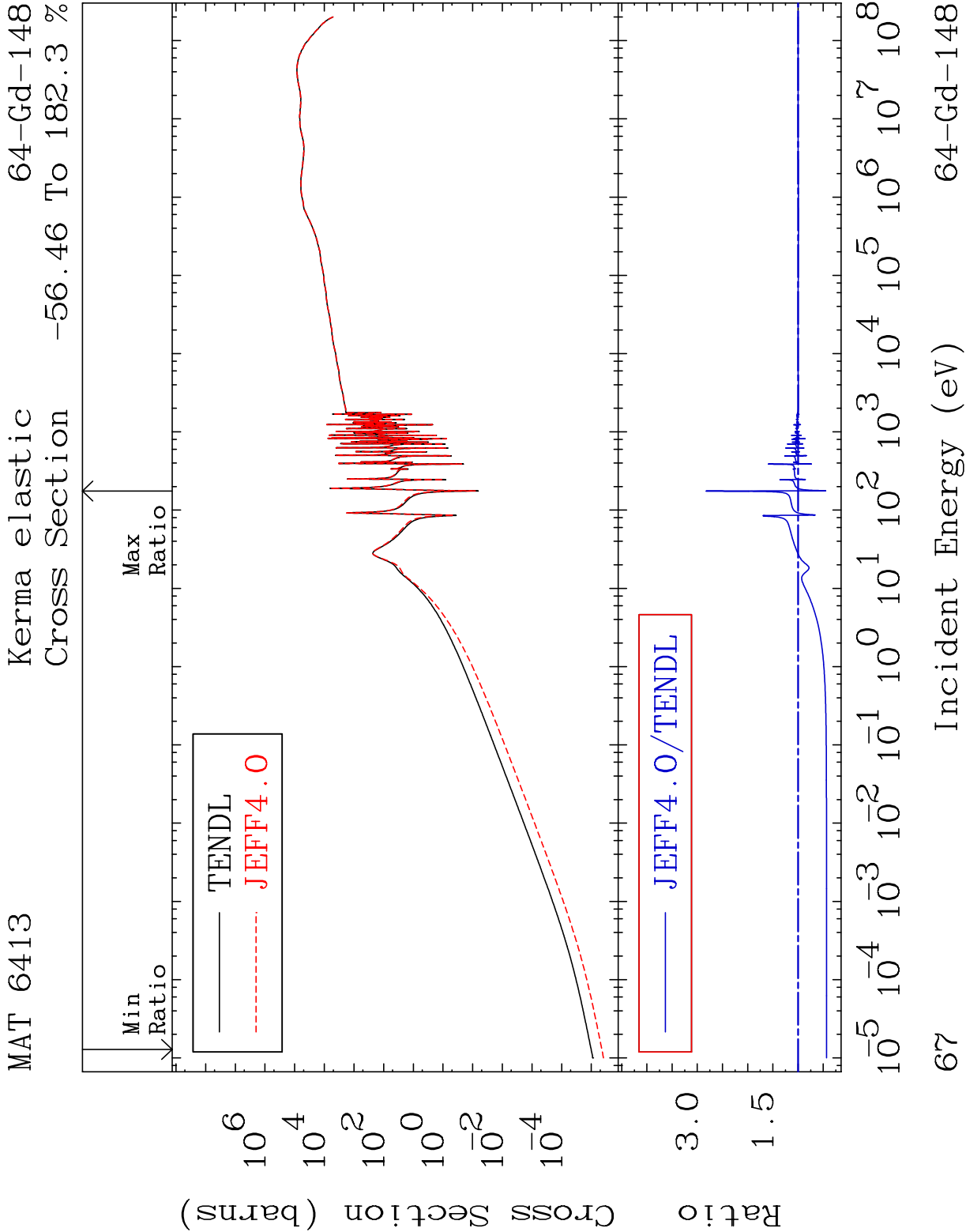


63 Incident Energy (eV) 64-Gd-148

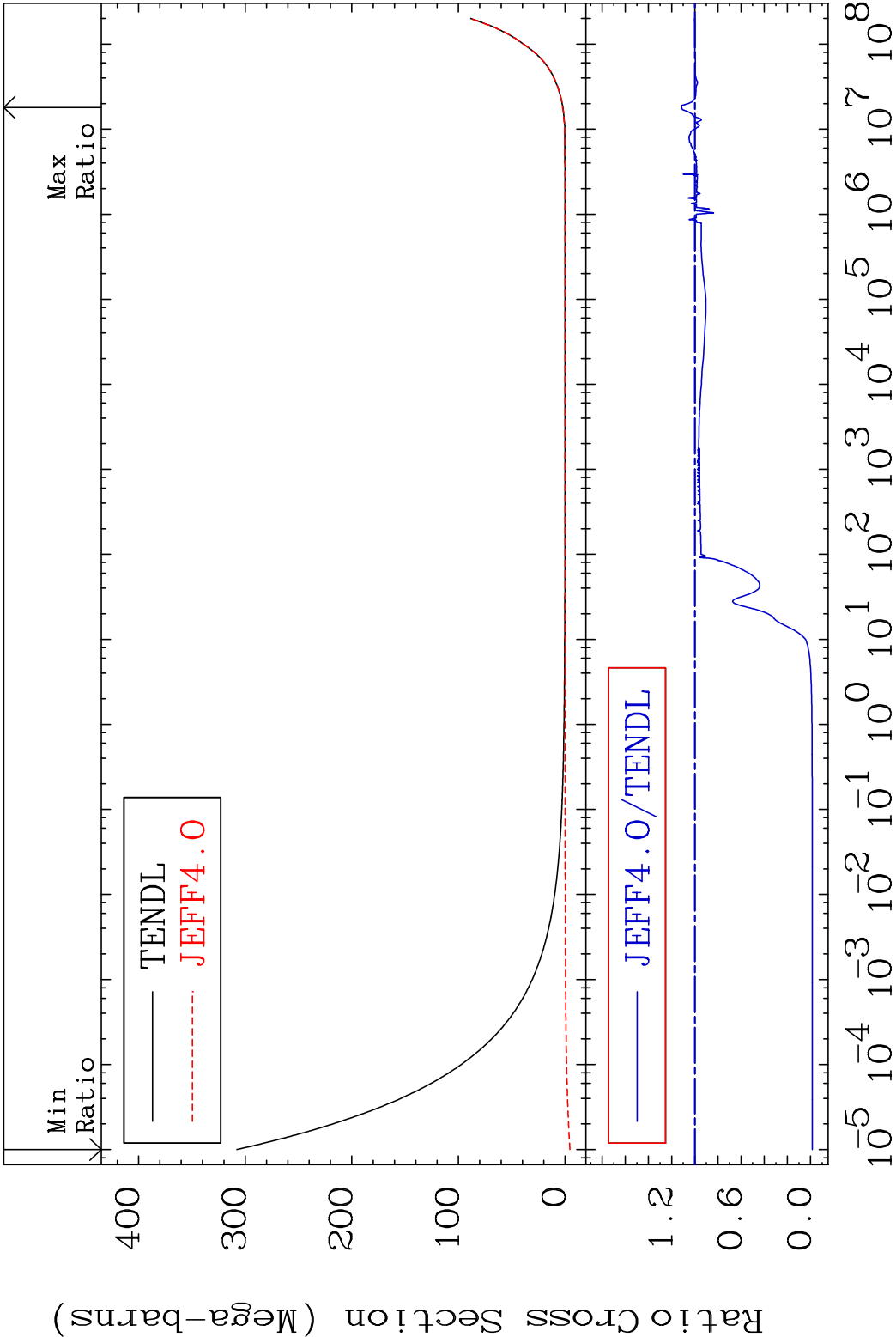


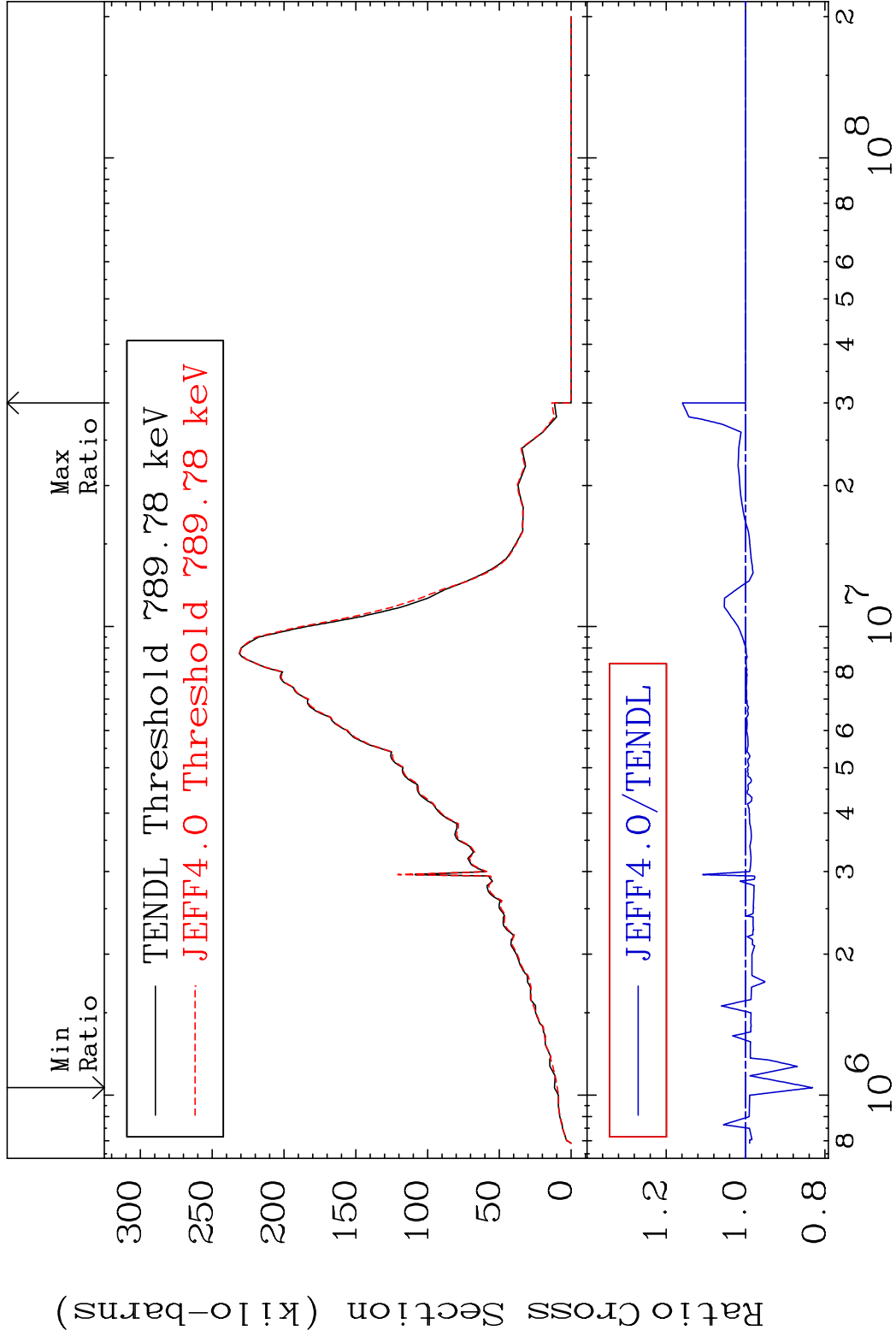




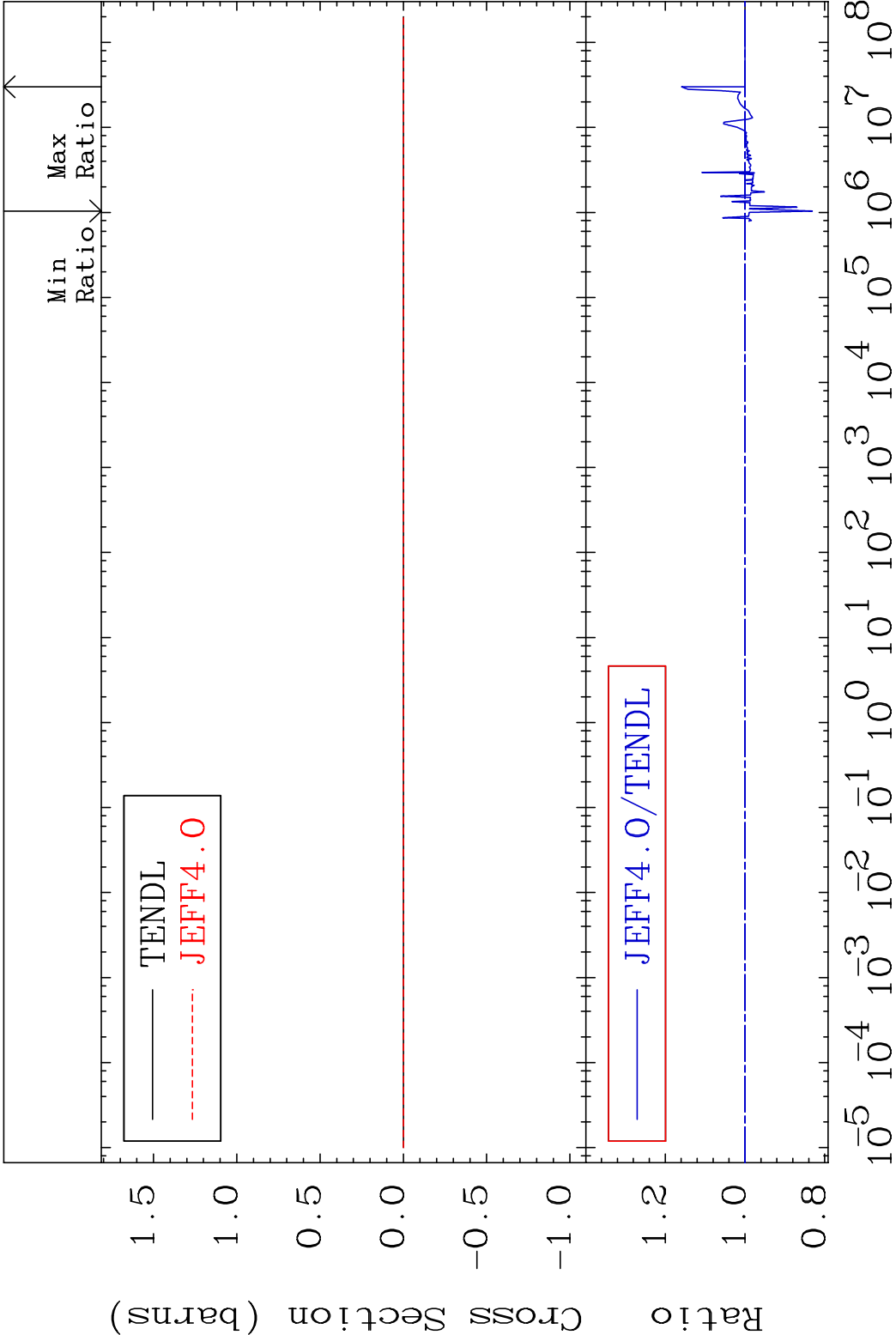


MAT 6413 Kerma non-elastic (all but mt2) 64-Gd-148
Cross Section -101.5 To 11.44 %

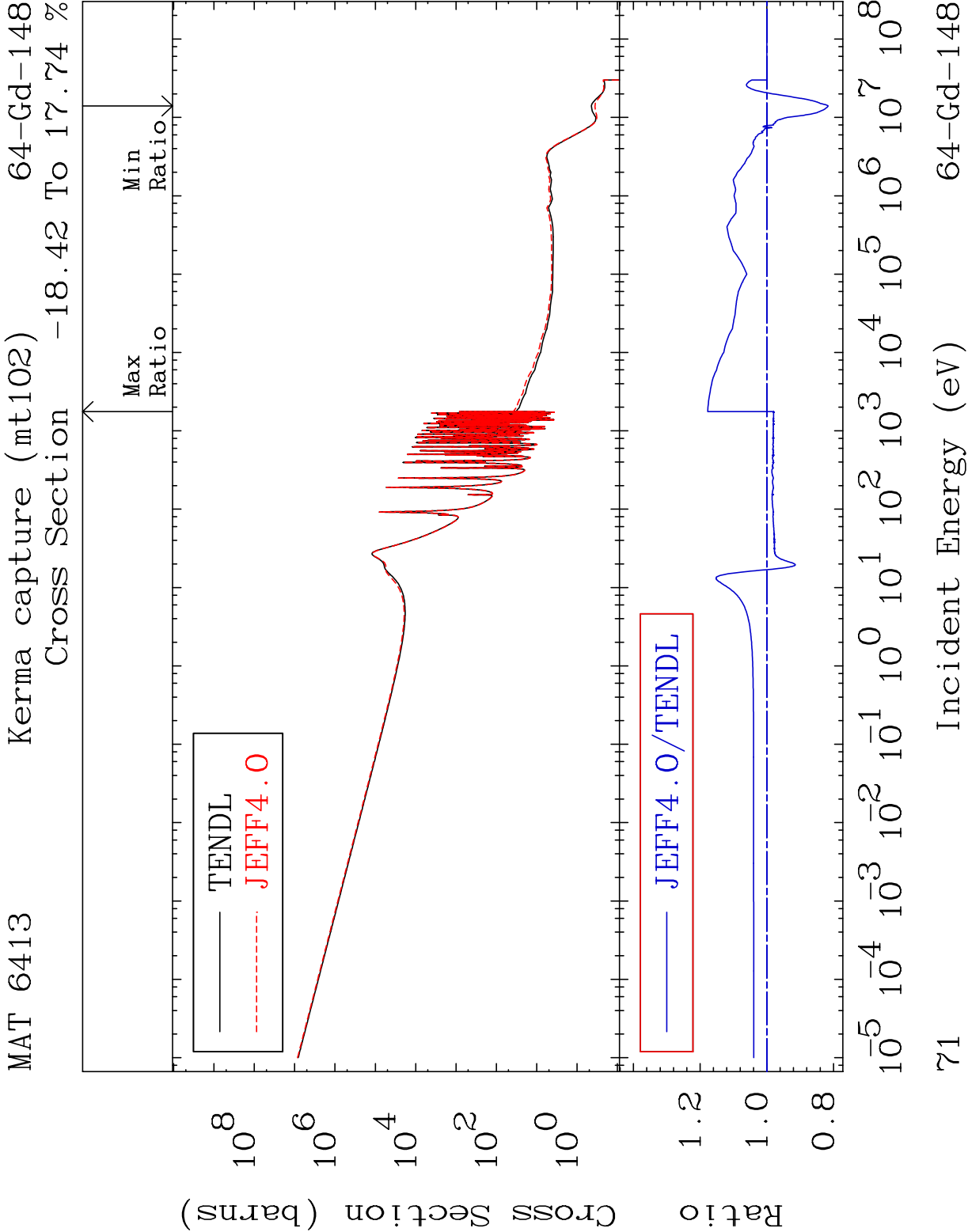


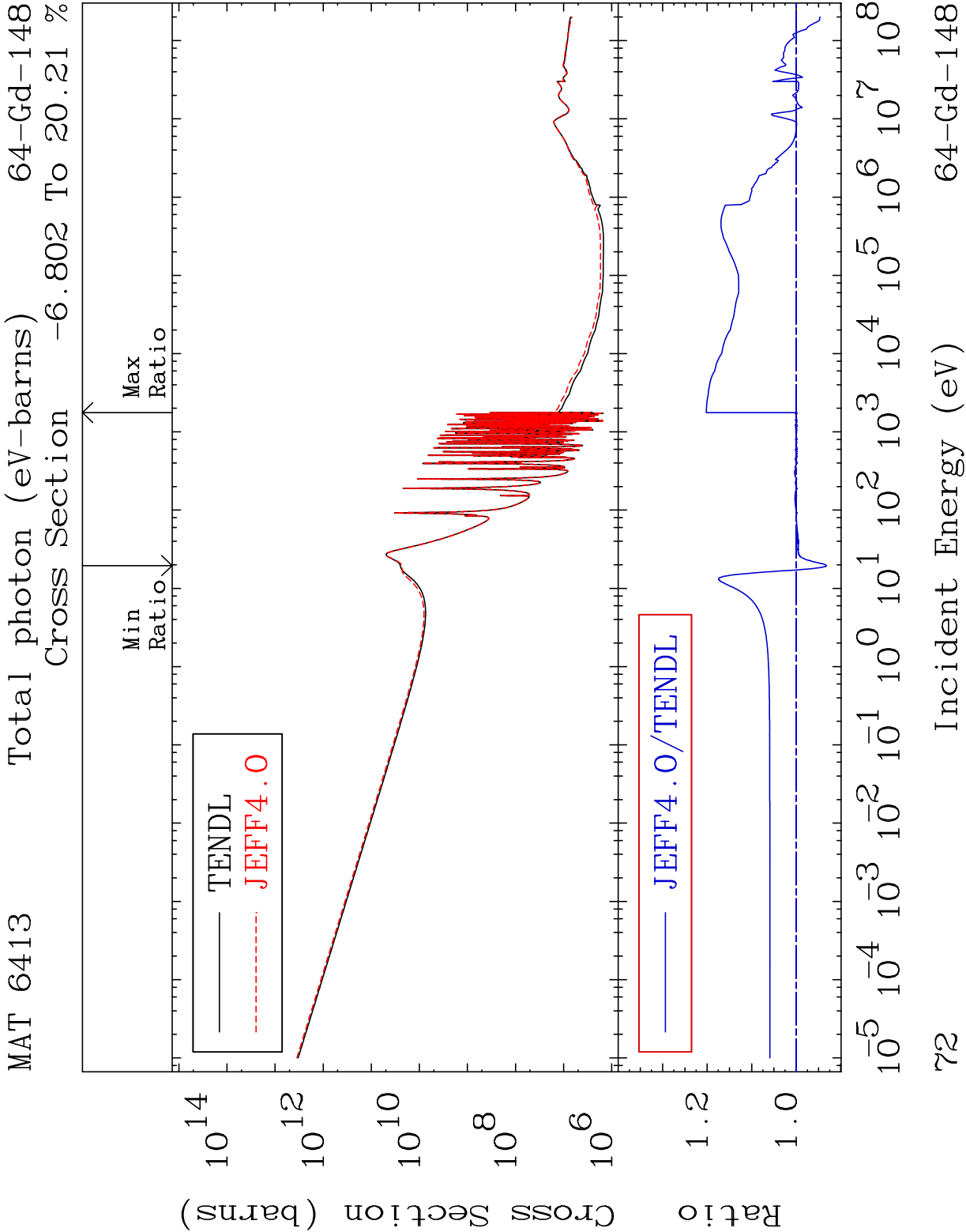


MAT 6413Kerma fission (mt18 or mt19-20-21-38)64-Gd-148
Cross Section -16.86 To 15.92 %

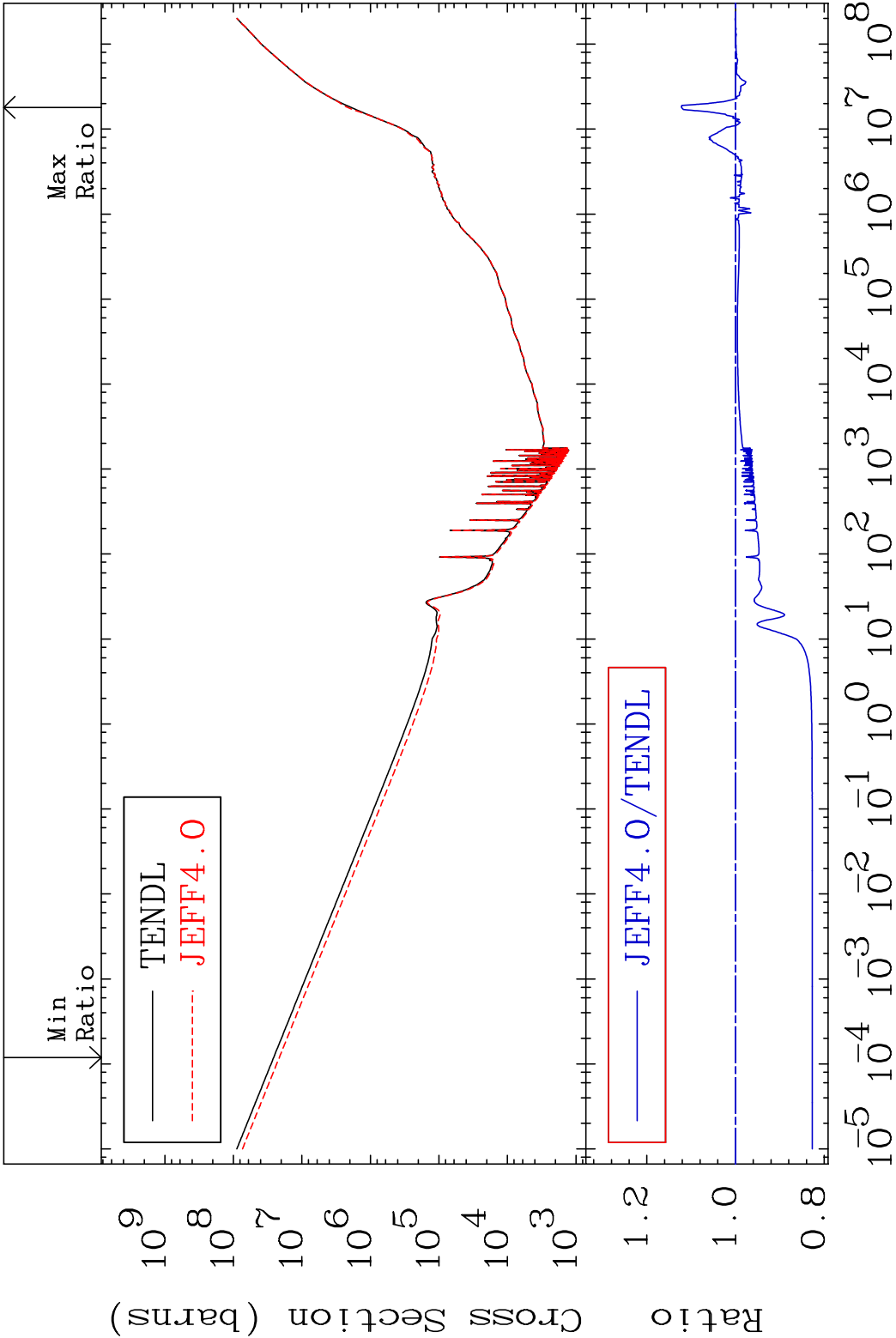


70 Incident Energy (eV) 64-Gd-148

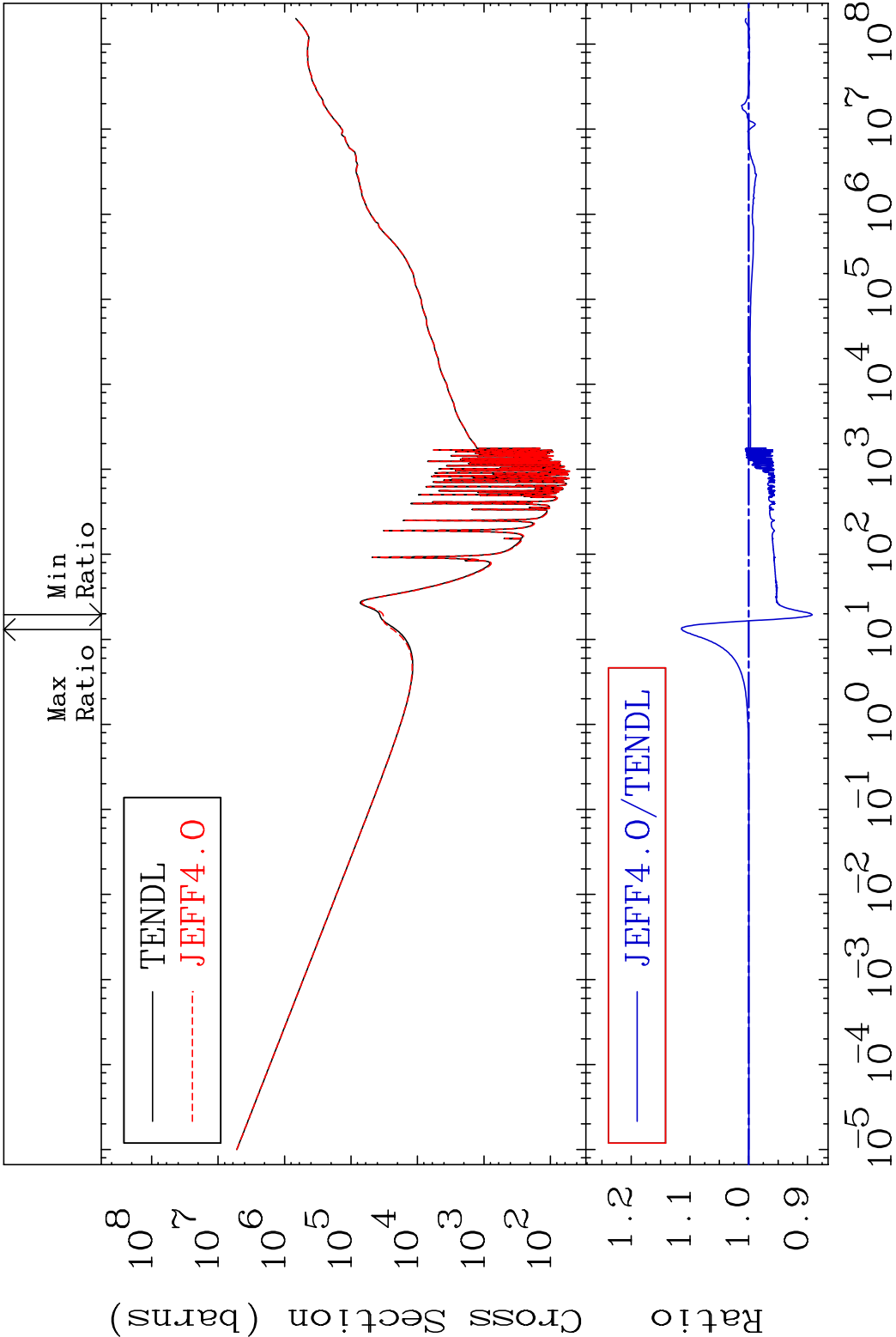




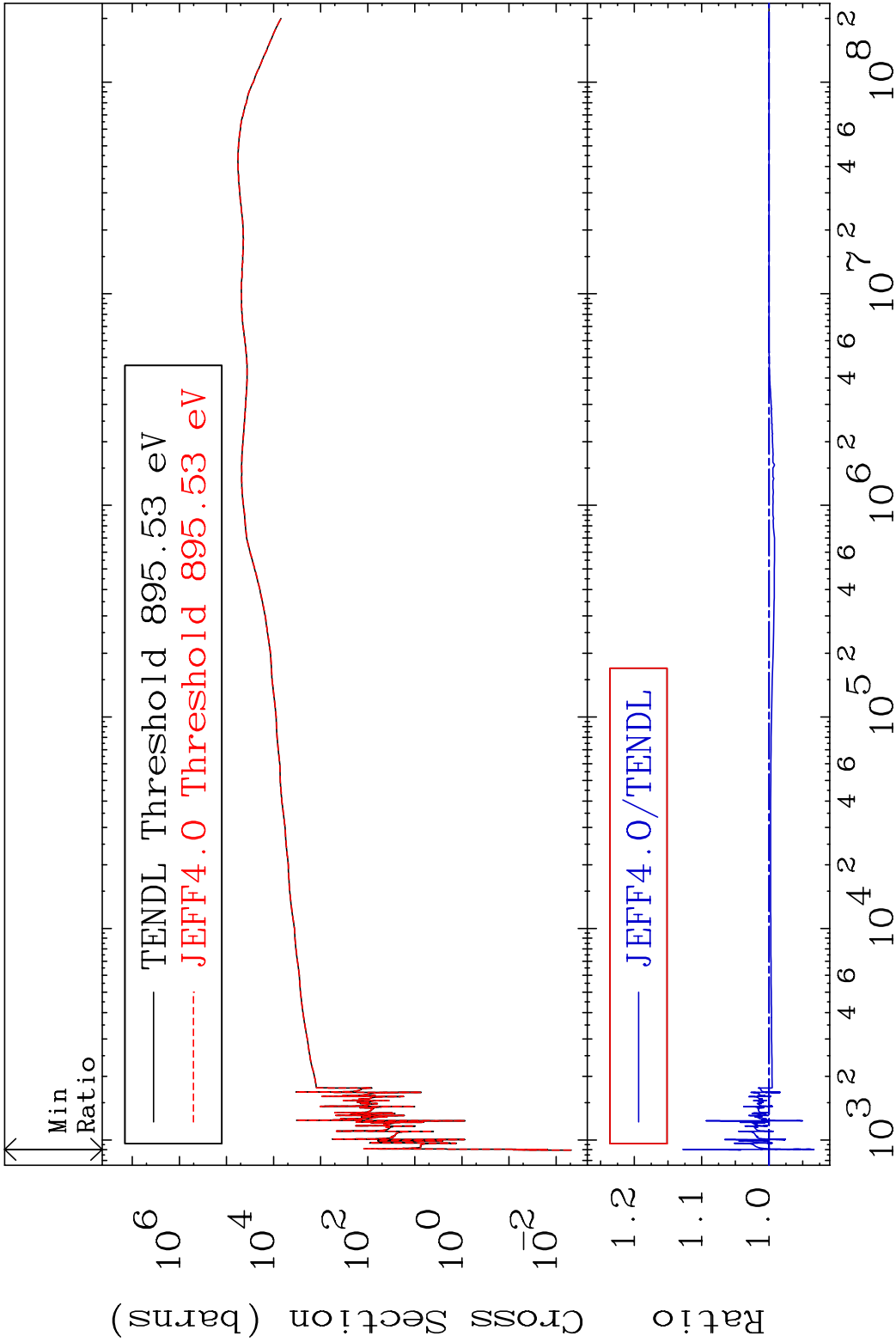
MAT 6413 Total kinematic kerma (high limit) 64-Gd-148
Cross Section -17.30 To 12.18 %



MAT 6413	Dpa total (eV-barns)	64-Gd-148
	Cross Section	-10.81 To 11.43 %

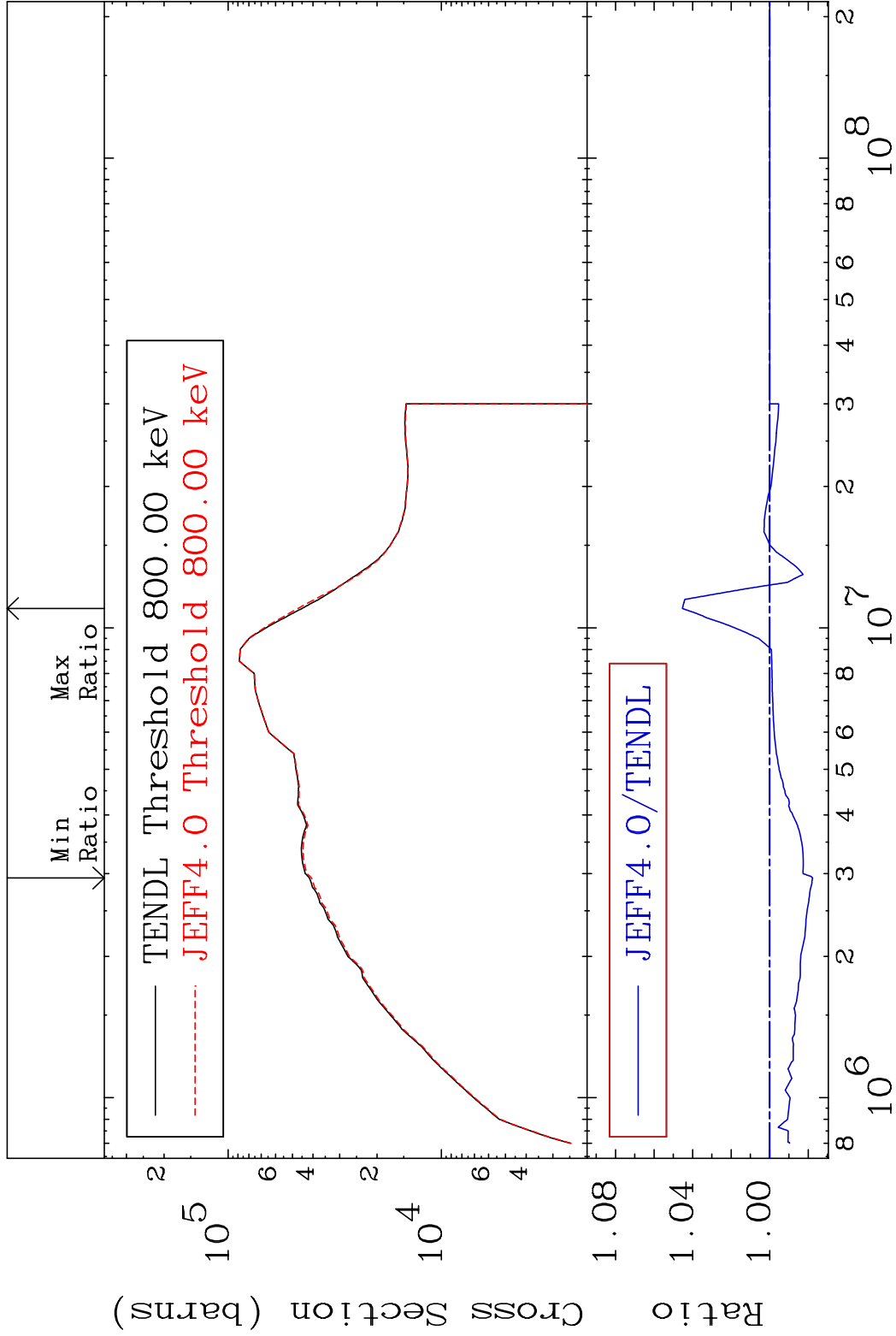


MAT 6413 Dpa elastic (mt2) 64-Gd-148
Cross Section -6.647 To 12.77 %



75 Incident Energy (eV) 64-Gd-148

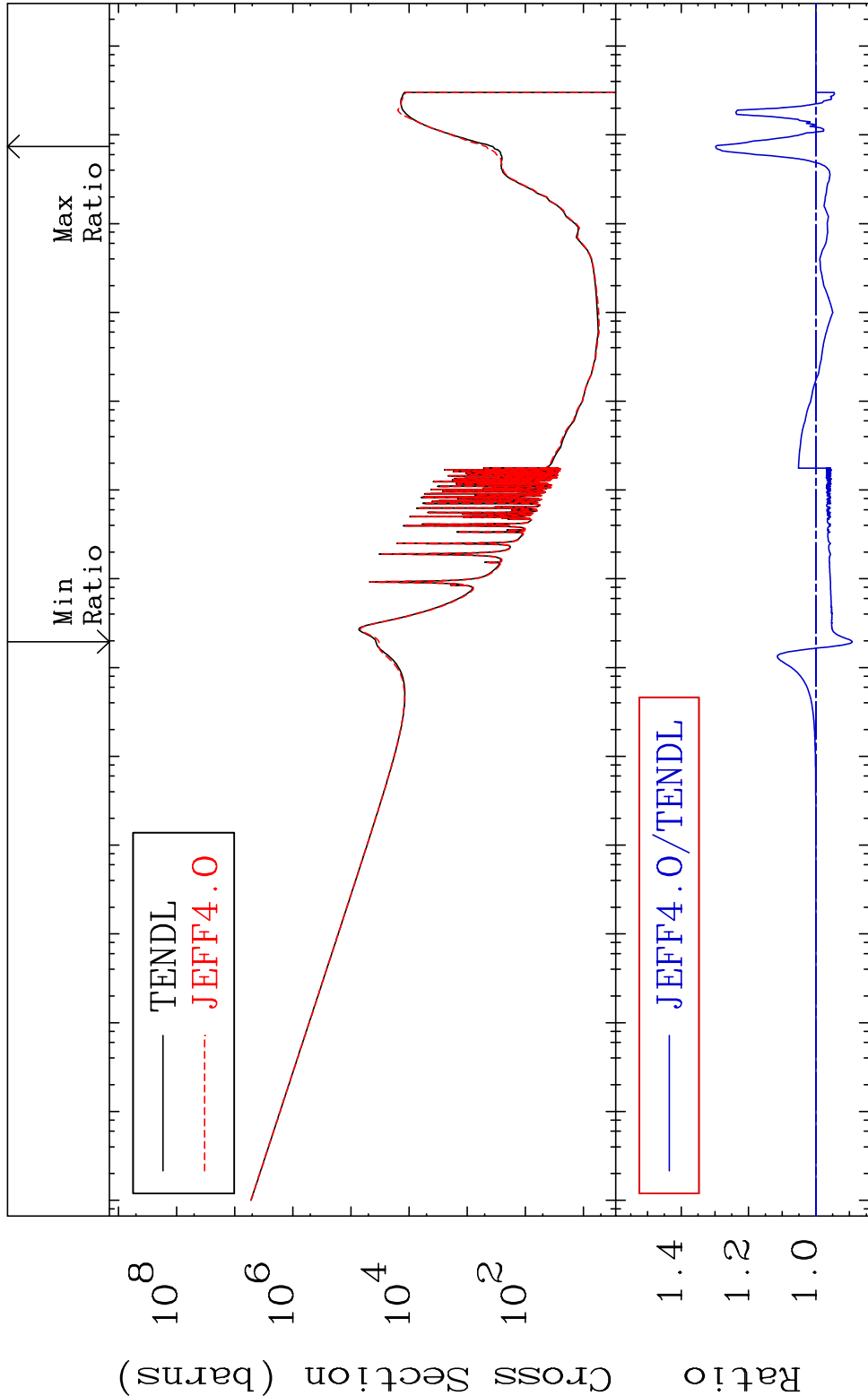
MAT 6413 Dpa inelastic (mt51-91) 64-Gd-148
Cross Section -2.227 To 4.530 %



76 Incident Energy (eV) 64-Gd-148

MAT 6413 Dpa disappearance (mt102 -120) 64-Gd-148

Cross Section -10.81 To 29.76 %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

77 Incident Energy (eV) 64-Gd-148

